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Virginia Statistical Abstract

1989 Edition

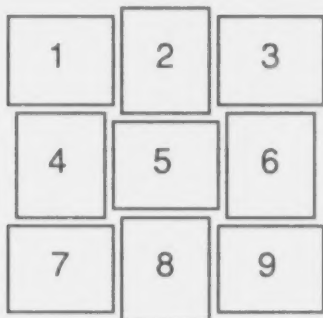
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Center for Public Service
University of Virginia
Charlottesville

1989

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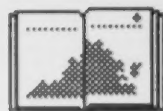
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Foreword

The *Virginia Statistical Abstract* presents, in one convenient source, detailed statistical information on twenty-three different subjects. Both the general reader and the specialist will find the *Abstract* to be a valuable, easy-to-use reference.

We have made every effort to ensure that the *Abstract* contains the most up-to-date information available at press time. The data cover different time periods because they come from numerous sources. However, each table notes the timeframe it covers. To guide the user, the *Abstract* includes both a comprehensive subject index and cumulative listings of all tables, charts, and maps. For comparative purposes, a number of tables present information about Virginia, adjacent states, the District of Columbia, and the United States.

This is the second edition of the *Virginia Statistical Abstract* to be published by the Center for Public Service. This edition contains 150 pages of new data, including over 300 tables with updated information, and over 130 new tables. Future editions of the *Abstract* will be available biennially.

Carl W. Stenberg
Director, Center for Public Service

November, 1989

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Michael A. Spar, Ph.D.
Project Director





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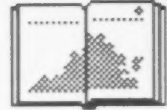


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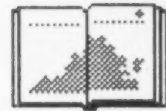


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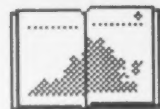


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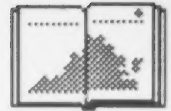


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Note on the Use of Tables

The *Virginia Statistical Abstract* is divided into 23 sections arranged alphabetically by title. Each section begins with an introduction that describes major sources of data and presents definitions for many of the key concepts found in that section. Each introduction also includes several graphics prepared from the tables in that section. In some cases these charts are followed by maps showing important boundaries or the location of particular facilities.

Within each section, tables are arranged according to subject matter, and then by their level of geographic detail, starting with those that present data for Virginia, the United States, surrounding states, and Washington D.C. These are followed by tables showing detailed data for the entire state. The final tables present data for the state's counties and independent cities, followed by data for the Commonwealth's eight Metropolitan Statistical Areas (MSAs) and 22 planning districts.

Because of the need to conserve space, many of the official MSA titles have been abbreviated in the tables. The Johnson City–Kingsport–Bristol MSA is listed as Bristol (Virginia portion); the Norfolk–Virginia Beach–Newport News MSA is listed as Norfolk; the Washington, D.C. MSA is listed as Northern Virginia; and the Richmond–Petersburg MSA is listed as Richmond. Also, note that in the case of the Washington, D.C. and Johnson City–Kingsport–Bristol MSAs, the data refer only to those portions of the MSAs within Virginia.

Close attention should be paid to the notes listed at the bottom of each table, since they give essential information such as unit of measure, etc. In some instances special symbols are used within the body of a table. Whenever these symbols are used, their meaning is described at the bottom of the table, after the source citation. Symbols used throughout the tables, and their meanings, are as follows:

...	Zero
C	Data withheld in source document to protect confidentiality
Z	Value is less than some minimum number specified in source document
NA	Not available; or not applicable
NC	Data were not computed
ND	No publication date on source document
NE	No entry in source document
n.e.c.	Not elsewhere classified



Section 1: Agriculture

This section provides data on farms (their number, acreage, land value, and population), on specific crops (their acreage, production, and value), and on livestock and poultry. Additional information on farm income will be found in Section 12 (Income and Wealth). Forestry and fishing are treated in Section 7 (Forestry, Fisheries, and Minerals).

The major source for agricultural statistics is the Census of Agriculture, compiled by the Bureau of the Census since 1840. Originally the agriculture census was taken as part of the decennial census, but current law calls for a new survey every five years. Some advance data from the 1987 Census of Agriculture are now available. For Virginia, however, most of the basic information on farm size and land use, market value of products, and production expenses still comes from the previous agriculture census of 1982.

Other important nationwide sources are two agencies of the U.S. Department of Agriculture: the Economic Research Service (which publishes *Economic Indicators of the Farm Sector*), and the Statistical Reporting Service (which publishes *Crop Production* and *Crop Values*). Various reports from these agencies are summarized by the Bureau of the Census in its *Statistical Abstract of the United States*, which provided the data for the states in several tables here.

For the Commonwealth, detailed information is available in *Virginia Agricultural Statistics*, compiled by the Virginia Crop Reporting Service (a cooperative function of the Virginia Department of Agriculture and Consumer Services and the Statistical Reporting Service of the USDA). This annual publication gives data on climate, farm income, and production expenses, as well as the county/city data on crops and livestock reproduced here.

CONCEPTS

FARM

The current Bureau of the Census definition is "any place from which \$1,000 or more of agricultural products were sold or normally would have been sold during the census year." Prior to 1974, different definitions were used; consequently, the data in Tables 1.1, 1.2, and 1.3 are not strictly comparable with data from prior years.

FARM POPULATION

The farm population is defined as persons living on farms in rural areas of the country; rural areas include open countryside and towns with less than 2,500 inhabitants that are not in the suburbs of large cities.

TOBACCO VARIETIES

Tobacco, once the basis of Virginia's whole economy, remains the state's most valuable cash crop. Its varieties are divided into Classes and Types, which are determined by the curing method employed, the area in which the leaf is raised, and the variety of seed used. Four main types are grown in Virginia:

Flue-Cured (Type 11) This variety is cured in barns heated by means of flues that circulate the heat and carry the smoke away. Type 11, Old Belt Flue-Cured, is produced in the Piedmont sections of Virginia and North Carolina, and is chiefly used in cigarettes, pipe and chewing tobacco, and for export.

Fire-Cured (Type 21) Cured by means of an open hardwood fire that gives the leaf its distinctive smoky flavor, this dark, heavy tobacco is rich in nicotine. Tobaccos of this type are among the oldest varieties. Type 21 is grown in the Piedmont and mountain sections of Virginia, and is used mostly for the manufacture of snuff, for plug wrappers, and for export.

Burley (Type 31) Burley is a type of air-cured tobacco. Darker than flue-cured types, it thrives in rich soil and requires little fertilizer. In Virginia, it is grown principally in the limestone soils of the southwestern valleys. Its chief uses are for cigarettes and pipe and chewing tobacco.

Sun-Cured (Type 37) This type, also known as Virginia Sun-Cured, is an air-cured tobacco grown primarily in the central section of Virginia, north of the James River. Formerly the strain was exposed to the sun in the curing process, but now it is generally cured in the same manner as Burley. True Sun-cured tobacco is rare and used mostly for export.

Figure 1.1
Average Acreage Per Farm: 1988

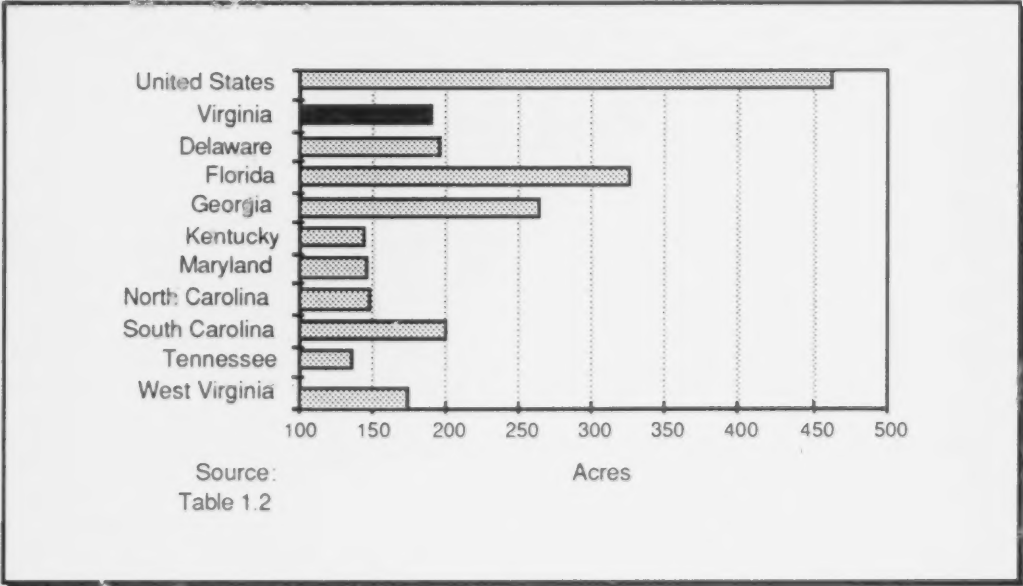
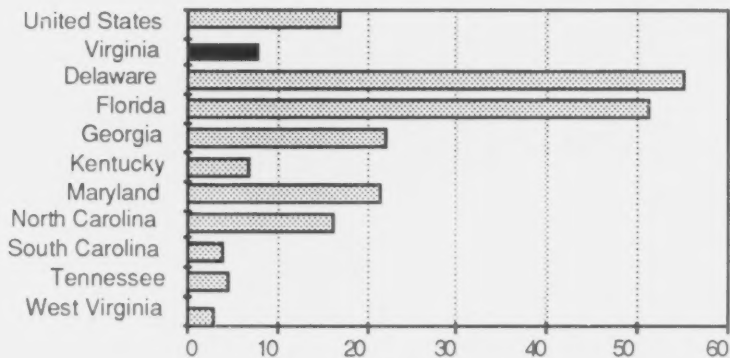




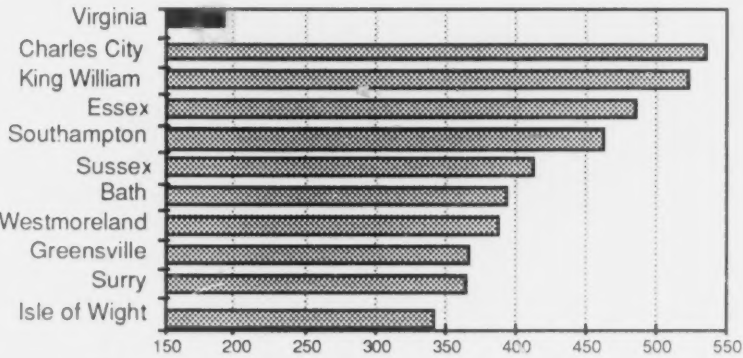
Figure 1.2
Net Farm Income Per Farm: 1986



Source:
Table 1.26

Thousands of Dollars

Figure 1.3
Average Farm Size: 1987
(Top Ten Virginia Counties)



Source:
Table 1.4

Acres

TABLE 1.1
Farm Population for the U.S., Virginia, and Surrounding States: 1960-1980

	1980		1970		1960	
	Total	Per 1,000 Total Population	Total	Per 1,000 Total Population	Total	Per 1,000 Total Population
United States	5,618	24.8	9,712	47.8	15,635	87.2
Virginia	113	21.1	238	51.2	467	117.7
Delaware	10	16.8	15	27.4	27	60.5
District of Columbia	...	...	...	...	...	...
Florida	59	6.1	113	16.6	157	31.7
Georgia	121	22.1	228	49.7	515	130.6
Kentucky	245	66.9	452	140.3	618	203.4
Maryland	45	10.7	79	20.1	132	42.6
North Carolina	188	32.0	463	91.1	950	208.5
South Carolina	54	17.3	144	55.6	433	181.7
Tennessee	176	38.3	384	97.8	677	189.8
West Virginia	29	14.9	78	44.7	155	83.3

SOURCES: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1986*. U.S. Government Printing Office, Washington, D.C., annual; U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population. *Number of Inhabitants, United States Summary*. U.S. Government Printing Office, Washington, D.C., 1983.

NOTE: "Total" in thousands.

TABLE 1.2
Number of Farms and Acreage for the U.S., Virginia, and Surrounding States: 1980 and 1988

	Farms		Acreage		Acreage Per Farm	
	1988	1980	1988	1980	1988	1980
United States	2,159	2,433	999	1,039	463	427
Virginia	49	58	10	10	192	169
Delaware	3	4	1	1	197	186
District of Columbia	...	...	...	...	...	...
Florida	40	39	13	13	325	344
Georgia	49	59	13	15	265	254
Kentucky	99	102	15	15	146	143
Maryland	16	18	2	3	147	157
North Carolina	70	93	11	12	150	126
South Carolina	27	34	5	6	200	188
Tennessee	94	96	13	14	136	142
West Virginia	21	22	4	4	176	191

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Farms" in thousands.
"Acreage" in millions.



TABLE 1.3
Farms, Land in Farms, and Land Use, Virginia: 1950-1987

	1987	1982	1978	1969	1959	1950
Farms ¹	44,799	51,859	49,936	64,572	97,623	150,997
Land in farms ²	8,676.3	9,436.9	9,459.4	10,649.9	13,125.8	15,572.3
Average farm size ³	194	182	189	165	135	103
Value of land and buildings per farm ⁴	\$232.4	\$205.0	\$171.7	\$47.2	\$18.6	\$8.5
Farm land use:						
Total cropland ²	4,363.1	4,559.5	4,508.9	4,600.5	4,427.1	5,789.2
Harvested cropland ²	2,407.0	2,779.3	2,599.7	2,277.9	2,857.8	3,313.8
Cropland used only for pasture or grazing ²	NA	1,523.3	1,585.0	1,732.3	1,018.4	1,564.2
Other cropland ²	NA	256.9	324.3	590.4	550.8	911.1
Total woodland ²	NA	3,168.8	3,307.1	3,911.7	5,669.6	6,730.7
Pastured woodland ²	NA	821.9	914.7	NA	1,153.4	1,356.0
Other land ²	NA	1,708.5	1,643.4	2,137.6	3,029.2	3,052.4
Irrigated land ²	78.7	42.8	42.0	36.6	31.1	2.8

SOURCES: U.S. Department of Commerce, Bureau of the Census, 1987 Census of Agriculture. *Advance State Report Virginia*. U.S. Government Printing Office, Washington, D.C., 1989; U.S. Department of Commerce, Bureau of the Census, 1982 Census of Agriculture. *Geographic Area Series. Virginia State and County Data*. U.S. Government Printing Office, Washington, D.C., 1984.

NOTES: ¹Number.
²In thousand of acres.
³In acres.
⁴In thousands of dollars.
 NA—Not available.

TABLE 1.4
Number, Size, and Value of Farms for Virginia's Counties and Cities: 1982 and 1987

	Number of Farms		Average Size of Farm		Value of Land & Buildings	
	1987	1982	1987	1982	1987	1982
Virginia	44,799	51,859	194	182	\$232,374	\$205,034
Counties						
Accomack	323	415	278	254	418,749	300,419
Albemarle	772	830	242	243	465,127	406,434
Alleghany	150	182	188	186	137,000	121,846
Amelia	322	446	228	210	226,497	224,610
Amherst	408	450	230	211	174,777	144,578
Appomattox	358	442	221	198	183,717	136,145
Arlington	(C)	4	(C)	1	(C)	103,750
Augusta	1,536	1,606	190	195	241,008	253,003
Bath	135	138	396	434	333,874	281,804
Bedford	1,240	1,353	165	162	170,745	165,531
Bland	327	354	246	245	152,813	137,596
Botetourt	532	586	183	167	202,592	179,118
Brunswick	402	590	252	208	181,681	162,981
Buchanan	105	120	83	78	(C)	59,642
Buckingham	346	420	229	204	151,945	185,626

CONTINUED ➡

TABLE 1.4
Number, Size, and Value of Farms for Virginia's
Counties and Cities: 1982 and 1987, *CONTINUED*

	Number of Farms		Average Size of Farm		Value of Land & Buildings	
	1987	1982	1987	1982	1987	1982
Campbell	628	740	214	193	153,030	133,991
Caroline	200	265	298	278	272,095	290,042
Carroll	939	1,083	125	113	107,708	98,696
Charles City	47	70	538	359	556,404	370,929
Charlotte	518	686	229	192	181,187	121,080
Chesterfield	169	240	119	97	291,349	216,071
Clarke	315	299	231	287	437,060	527,211
Craig	177	196	284	287	195,802	200,689
Culpeper	492	537	246	267	426,734	362,039
Cumberland	277	331	221	203	219,824	136,163
Dickenson	120	170	82	72	76,683	56,853
Dinwiddie	373	496	228	190	189,352	160,065
Essex	142	192	487	426	482,894	419,479
Fairfax	198	242	64	73	480,417	368,467
Fauquier	978	973	246	255	600,016	536,096
Floyd	772	920	153	143	116,078	116,329
Fluvanna	261	308	234	207	253,287	239,078
Franklin	1,016	1,212	177	160	178,268	131,895
Frederick	555	632	200	200	298,241	267,818
Giles	346	375	207	209	115,829	122,573
Gloucester	130	162	199	203	460,069	330,315
Goochland	253	294	229	205	304,984	265,136
Grayson	865	995	162	144	134,061	103,250
Greene	225	243	175	168	234,324	168,531
Greensville	201	256	368	327	239,179	362,336
Halifax	1,252	1,652	193	155	122,298	101,131
Hanover	554	637	189	191	297,556	238,766
Henrico	158	166	189	199	350,350	319,825
Henry	342	424	157	149	115,927	131,101
Highland	303	320	313	323	193,026	231,394
Isle of Wight	245	333	342	302	493,285	448,853
James City	68	71	182	233	397,868	684,648
King and Queen	157	197	339	267	289,471	243,091
King George	141	176	270	238	374,801	280,455
King William	121	149	525	437	581,397	381,946
Lancaster	84	106	223	205	240,345	253,514
Lee	1,431	1,635	93	91	77,810	85,759
Loudoun	934	888	221	229	658,600	585,015
Louisa	397	482	223	194	179,227	192,797
Lunenburg	404	566	207	182	123,572	142,645
Madison	441	462	241	237	343,541	291,011
Mathews	77	96	104	96	229,429	171,396
Mecklenburg	780	990	230	189	150,556	130,425
Middlesex	83	127	237	196	377,037	274,197
Montgomery	544	565	179	180	251,789	182,053
Nelson	365	388	214	221	196,139	198,026
New Kent	72	91	(C)	279	386,431	336,033
Northampton	180	246	281	253	435,328	325,358
Northumberland	159	199	303	237	357,855	308,558
Nottoway	302	381	216	167	179,724	141,685
Orange	424	461	267	257	392,042	325,961
Page	489	506	138	139	234,361	232,136
Patrick	643	781	126	125	100,465	105,419
Pittsylvania	1,583	2,024	190	163	138,577	130,389
Powhatan	212	215	272	266	412,425	345,847

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TABLE 1.4
Number, Size, and Value of Farms for Virginia's
Counties and Cities: 1982 and 1987, *CONTINUED*

	Number of Farms		Average Size of Farm		Value of Land & Buildings	
	1987	1982	1987	1982	1987	1982
Prince Edward	353	426	201	193	178,377	164,376
Prince George	167	191	247	247	291,772	222,958
Prince William	272	314	136	163	419,605	418,494
Pulaski	360	367	218	211	193,958	170,272
Rappahannock	288	313	268	279	407,631	364,163
Richmond	148	193	264	225	255,311	160,984
Roanoke	279	306	107	109	183,215	151,346
Rockbridge	682	711	215	222	196,394	174,014
Rockingham	1,895	2,046	128	128	251,385	245,820
Russell	1,134	1,283	148	144	118,194	125,657
Scott	1,667	1,964	86	76	68,070	61,062
Shenandoah	830	922	167	151	245,873	198,395
Smyth	873	959	141	128	119,509	99,004
Southampton	407	518	464	383	531,773	411,923
Spotsylvania	305	321	188	187	307,161	241,835
Stafford	197	214	141	133	460,213	247,299
Surry	126	186	365	299	425,833	324,516
Sussex	196	258	414	380	342,597	353,461
Tazewell	488	494	281	287	202,068	181,492
Warren	223	243	183	187	284,523	219,243
Washington	1,972	2,289	103	94	120,412	112,396
Westmoreland	181	224	388	305	376,033	339,621
Wise	143	161	105	81	105,455	87,783
Wythe	746	805	192	202	155,570	154,616
York	66	75	51	43	311,818	147,014
Cities						
Chesapeake	223	282	237	199	475,188	500,525
Suffolk	314	376	279	251	441,249	380,136
Virginia Beach	165	231	239	222	442,376	522,048
MSAs						
Bristol (Va. portion)	3,639	4,253	95	86	96,435	88,690
Charlottesville	1,258	1,381	228	222	379,896	327,248
Danville	1,583	2,024	190	163	138,577	130,389
Lynchburg	1,036	1,190	220	200	161,594	137,994
Norfolk	966	1,197	229	213	439,912	432,598
Northern Virginia	1,601	1,662	177	181	571,549	477,381
Richmond	2,005	2,400	210	203	302,924	244,946
Roanoke	811	892	157	147	195,926	169,591
Planning Districts						
LENOWISCO	3,241	3,760	90	83	74,020	72,945
Cumberland Plateau	1,847	2,067	175	168	130,938	129,510
Mount Rogers	5,722	6,485	141	132	126,688	113,341
New River Valley	2,022	2,227	181	175	166,413	142,944
Fifth	1,138	1,270	181	174	188,140	167,548
Central Shenandoah	4,551	4,821	182	186	238,203	237,695
Lord Fairfax	2,412	2,602	179	180	284,131	261,550
Northern Virginia	1,404	1,448	182	188	587,171	511,384
Rappahannock-Rapidan	2,623	2,746	251	257	469,651	405,948
Thomas Jefferson	2,020	2,251	225	216	307,254	276,185
Central Virginia	2,634	2,985	194	182	168,909	150,202
West Piedmont	3,584	4,441	172	154	140,830	126,477
Southside	2,434	3,232	215	175	141,161	121,395
Piedmont	2,522	3,256	219	193	177,406	156,945

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TABLE 1.4
Number, Size, and Value of Farms for Virginia's
Counties and Cities: 1982 and 1987, *CONTINUED*

	Number of Farms		Average Size of Farm		Value of Land & Buildings	
	1987	1982	1987	1982	1987	1982
Richmond Regional	1,465	1,713	202	202	333,112	271,975
RADCO	843	976	217	209	345,922	263,086
Northern Neck	572	722	308	250	319,818	270,666
Middle Peninsula	710	923	337	289	412,868	314,330
Crater	1,063	1,387	308	273	271,151	264,087
Southeastern Virginia	1,354	1,740	334	288	483,602	441,101
Peninsula	134	146	117	135	355,485	408,466
Accomack-Norhampton	503	661	279	254	424,682	309,700

SOURCES: U.S. Department of Commerce, Bureau of the Census, 1987 Census of Agriculture. *Advance State Report Virginia*. U.S. Government Printing Office, Washington, D.C., 1989; U.S. Department of Commerce, Bureau of the Census, 1982 Census of Agriculture. *Geographic Area Series. Virginia State and County Data*. U.S. Government Printing Office, Washington, D.C., 1984.

NOTES: "Average Size of Farm" in acres.
 "Value of Land and Buildings" represents the average per farm, in dollars.
 C—Withheld to prevent disclosure of data for individual farms.
 A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
 A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 1.5
Crop Acreage and Value for the U.S., Virginia,
and Surrounding States: 1985 and 1987

	Acreage Harvested		Crop Value		CROPS (In order of value)
	1987	1985	1987	1985	
United States	289,070	330,063	\$62,939	\$76,667	Corn, soybeans, hay, wheat
Virginia	2,830	3,002	592	691	Hay, tobacco, soybeans, peanuts
Delaware	531	554	83	125	Soybeans, corn, potatoes, hay
District of Columbia	...	...	...	...	...
Florida	1,117	1,344	2,252	2,585	Tomatoes, oranges, potatoes, grapefruit
Georgia	3,604	5,071	1,085	1,370	Peanuts, tobacco, corn, cotton lint
Kentucky	4,943	5,484	1,208	1,630	Tobacco, corn, hay, soybeans
Maryland	1,499	1,639	259	394	Corn, soybeans, hay, tobacco
North Carolina	4,186	5,418	1,471	1,870	Tobacco, soybeans, corn, peanuts
South Carolina	1,916	2,778	490	622	Tobacco, soybeans, corn, peaches
Tennessee	4,475	5,136	854	1,054	Soybeans, tobacco, hay, cotton lint
West Virginia	732	732	94	123	Hay, apples, corn, tobacco

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Acreage Harvested" in thousands.
 "Crop Value" in millions of dollars.



TABLE 1.6
Tobacco, Soybeans, and Corn Production and Value
for the U.S., Virginia, and Surrounding States: 1987

	Tobacco		Soybeans		Corn for Grain	
	Production	Value	Production	Value	Production	Value
United States	1,166	\$1,778	2,007	\$9,326	7,064	\$12,130
Virginia	77	117	15	72	19	36
Delaware	...	...	...	...	11	21
District of Columbia	...	...	...	...	...	...
Florida	14	23	...	...	...	...
Georgia	72	118	16	83	51	108
Kentucky	305	476	24	132	119	225
Maryland	19	23	...	...	36	70
North Carolina	467	737	33	185	69	138
South Carolina	94	151	16	93	29	51
Tennessee	87	135	29	158	53	92
West Virginia	...	...	...	...	...	...

SOURCES: U.S. Department of Agriculture, *Agricultural Statistics 1988*. U.S. Government Printing Office, Washington, D.C., annual; U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Tobacco" production in millions of pounds.
"Value" in millions of dollars.
"Soybeans" and "Corn for Grain" production in millions of bushels.

TABLE 1.7
Fire-Cured Tobacco Acreage and Production
for Virginia's Counties and Cities: 1983-1986

Locality	1986		1985		1984		1983	
	Acres	Production	Acres	Production	Acres	Production	Acres	Production
Virginia	2,900	3,538.0	3,600	4,482.0	4,600	6,095.0	4,700	4,630.0
Counties								
Amelia	75	110.0	98	135.1	105	166.0	120	132.9
Amherst	(C)	(C)	17	19.1	26	28.2	38	30.0
Appomattox	130	164.0	165	219.0	225	384.9	310	332.0
Bedford	(C)	(C)	48	61.5	72	97.9	86	72.1
Brunswick	260	321.0	310	378.1	400	498.6	415	390.9
Buckingham	(C)	(C)	82	104.3	97	131.8	105	92.4
Campbell	440	562.0	545	635.2	635	856.3	645	661.3
Charlotte	685	856.0	775	931.7	965	1,270.0	980	930.2
Cumberland	70	90.0	110	167.1	120	190.7	130	117.9
Dinwiddie	80	112.0	105	163.8	160	244.6	170	207.9
Franklin	(C)	(C)	35	38.4	60	77.5	65	83.9
Halifax	200	212.0	240	310.8	320	370.8	290	279.4
Lunenburg	190	210.0	220	284.3	305	382.6	280	266.0

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TABLE 1.7
Fire-Cured Tobacco Acreage and Production for Virginia's
Counties and Cities: 1983-1986, *CONTINUED*

Locality	1986		1985		1984		1983	
	Acres	Production	Acres	Production	Acres	Production	Acres	Production
Mecklenburg	(C)	(C)	50	58.1	90	89.8	70	67.2
Nelson	...	...	...	...	...	...	16	10.9
Nottoway	135	184.0	165	211.1	195	288.6	210	237.0
Pittsylvania	300	331.0	420	509.7	505	633.5	465	450.6
Prince Edward	175	210.0	205	244.7	275	368.2	300	280.6
Other Counties	160	176.0	10	10.0	15	15.0	5	6.8

SOURCE: Commonwealth of Virginia, Department of Agriculture and Consumer Services, *Virginia Agricultural Statistics*, Richmond, Virginia, annual.

NOTES: Type 21.

1986 data are preliminary.

Production in thousands of pounds.

C—Included in Other Counties to prevent disclosure of confidential data.

TABLE 1.8
Flue-Cured Tobacco Acreage and Production
for Virginia's Counties and Cities: 1983-1986

Locality	1986		1985		1984		1983	
	Acres	Production	Acres	Production	Acres	Production	Acres	Production
Virginia	28,000	57,540.0	30,000	65,100.0	38,000	86,640.0	37,000	69,560.0
Counties								
Amelia	395	860.0	400	907.0	545	1,268.0	540	911.0
Appomattox	(C)	(C)	65	145.0	80	187.0	90	156.3
Bedford	(C)	(C)	75	161.0	80	183.0	85	157.9
Brunswick	2,155	4,104.0	2,200	4,691.0	2,565	5,898.0	2,610	5,058.0
Campbell	650	1,504.0	670	1,485.0	930	2,139.0	960	1,789.0
Carroll	...	...	...	...	20	39.0	20	26.0
Charlotte	1,300	2,713.0	1,375	2,927.0	1,730	3,917.0	1,780	3,306.0
Chesterfield	115	253.0	125	332.0	135	399.0	160	345.0
Cumberland	100	167.0	105	223.0	130	296.0	125	190.0
Dinwiddie	1,080	2,530.0	1,090	2,706.0	1,180	3,494.0	1,390	3,011.0
Greensville	310	677.0	310	651.0	365	890.0	285	678.0
Franklin	940	2,369.0	1,070	2,647.0	1,245	3,027.0	1,250	2,690.0
Halifax	5,700	10,638.0	6,365	13,140.0	8,250	17,740.0	7,830	13,223.0
Henry	400	920.0	420	995.0	535	1,183.0	560	1,004.0
Lunenburg	1,770	3,552.0	1,920	3,919.0	2,500	5,637.0	2,370	4,317.0
Mecklenburg	4,150	8,011.0	4,170	9,090.0	5,850	11,640.0	4,870	9,951.0
Nottoway	440	938.0	530	1,100.0	625	1,371.0	645	1,125.0
Patrick	890	1,832.0	1,000	1,960.0	1,140	2,235.0	1,230	2,179.0
Pittsylvania	6,860	15,051.0	7,420	16,564.0	9,295	23,255.0	9,320	18,200.0
Powhatan	...	...	...	...	40	81.0	35	60.0

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TABLE 1.8
Flue-Cured Tobacco Acreage and Production for Virginia's
Counties and Cities: 1983-1986, *CONTINUED*

Locality	1986		1985		1984		1983	
	Acres	Production	Acres	Production	Acres	Production	Acres	Production
Prince Edward	290	482.0	330	625.0	390	886.0	415	729.5
Prince George	(C)	(C)	40	70.0	...	...	65	115.0
Southampton	...	...	...	...	50	119.0	...	...
Sussex	180	381.0	190	460.0	220	542.0	265	489.2
Cities								
Suffolk	(C)	(C)	60	140.0	70	159.0	65	143.4
Other Counties	275	558.0	70	162.0	30	55.0	35	65.7

SOURCE: Commonwealth of Virginia, Department of Agriculture and Consumer Services. *Virginia Agricultural Statistics*. Richmond, Virginia, annual.

NOTES: Type 11.
 1986 data are preliminary.
 "Production" in thousands of pounds.
 C—Included in Other Counties to prevent disclosure of confidential data.

TABLE 1.9
Burley Tobacco Acreage and Production for
Virginia's Counties and Cities: 1983-1986

Locality	1986		1985		1984		1983	
	Acres	Production	Acres	Production	Acres	Production	Acres	Production
Virginia	7,400	12,284.0	9,500	21,280.0	10,800	22,572.0	12,000	24,480.0
Counties								
Appomattox	(C)	(C)	19	35.1	20	35.4	16	31.0
Bedford	(C)	(C)	29	68.5	24	47.3	26	38.6
Bland	28	46.0	38	89.8	50	103.0	52	97.1
Brunswick	...	...	...	...	5	9.3	3	5.8
Buchanan	90	131.0	122	271.1	142	297.0	170	308.6
Buckingham	(C)	(C)	31	57.4	43	78.4	49	71.6
Campbell	(C)	(C)	12	22.1	15	26.4	18	27.4
Carroll	...	...	...	...	...	...	5	7.4
Charlotte	(C)	(C)	14	26.0	20	35.3	18	35.1
Cumberland	...	...	23	45.2	26	50.5	24	38.8
Dickenson	47	77.0	50	119.5	66	144.4	97	144.9
Floyd	(C)	(C)	39	82.7	53	108.4	54	75.1
Grayson	280	496.0	324	764.6	415	870.0	435	839.8
Lee	1,320	2,165.0	1,940	4,081.0	2,195	4,601.0	2,250	4,310.0
Mecklenburg	...	...	...	...	...	...	2	2.6
Montgomery	(C)	(C)	16	36.7	22	46.7	15	22.3
Prince Edward	60	89.0	42	76.0	74	139.3	85	122.9
Pulaski	...	...	...	...	4	9.6	6	8.4
Russell	1,060	1,949.0	1,325	3,287.0	1,540	3,231.0	1,600	3,635.0
Scott	1,800	2,926.0	2,230	4,911.0	2,340	4,963.0	2,650	5,507.0

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TABLE 1.9
Burley Tobacco Acreage and Production for Virginia's
Counties and Cities: 1983-1986, *CONTINUED*

Locality	1986		1985		1994		1983	
	Acres	Production	Acres	Production	Acres	Production	Acres	Production
Smyth	580	857.0	680	1,431.0	784	1,572.0	905	1,844.0
Tazewell	55	94.0	73	152.4	90	180.8	150	294.6
Washington	1,880	3,157.0	2,420	5,577.0	2,790	5,861.0	3,290	6,832.0
Wise	(C)	(C)	43	86.2	53	106.0	54	135.6
Wythe	...	...	...	...	11	22.7	15	26.4
Other Counties	200	297.0	30	59.7	18	33.5	11	18.0

SOURCE: Commonwealth of Virginia, Department of Agriculture and Consumer Services. *Virginia Agricultural Statistics*. Richmond, Virginia, annual.

NOTES: Type 31.
1986 data are preliminary.
Production in thousands of pounds.
C—Included in Other Counties to prevent disclosure of confidential data.

TABLE 1.10
Sun-Cured Tobacco Acreage and Production
for Virginia's Counties and Cities: 1983-1986

Locality	1986		1985		1984		1983	
	Acres	Production	Acres	Production	Acres	Production	Acres	Production
Virginia	130	162.0	200	230.0	440	590.0	490	382.0
Counties								
Amelia	18	17.0	30	29.1	77	89.4	75	47.7
Appomattox	(C)	(C)	10	20.1	13	26.0	27	47.3
Brunswick	...	...	...	...	5	2.1	6	4.8
Buckingham	...	...	...	...	...	5	4.5	...
Campbell	...	...	...	...	4	3.7	...	...
Caroline	(C)	(C)	6	11.0	38	52.8	15	11.3
Charlotte	(C)	(C)	6	4.6	8	8.7	...	...
Cumberland	...	...	...	...	4	2.5	7	4.5
Dinwiddie	...	...	...	...	5	8.6	...	...
Essex	...	...	...	...	2	3.5	4	1.9
Fluvanna	(C)	(C)	10	7.0	20	28.2	21	15.3
Franklin	...	...	...	...	5	5.8	6	3.7
Goochland	(C)	(C)	12	16.5	34	40.0	46	35.9
Hanover	(C)	(C)	7	4.9	35	41.0	39	23.8
Louisa	67	107.0	90	132.5	140	209.5	175	129.2
Lunenburg	...	...	...	...	16	22.4	28	22.0
Powhatan	...	...	...	...	18	30.3	15	11.9
Prince Edward	...	...	...	...	2	2.4	...	...
Other Counties	45	38.0	29	4.3	14	13.1	21	18.2

SOURCE: Commonwealth of Virginia, Department of Agriculture and Consumer Services. *Virginia Agricultural Statistics*. Richmond, Virginia, annual.

NOTES: Type 37.
1986 data are preliminary.
Production in thousands of pounds.
C—Included in Other Counties to prevent disclosure of confidential data.



TABLE 1.11
Peanut Acreage and Production for Virginia's
Counties and Cities: 1983–1986

Locality	1986		1985		1984		1983	
	Acres	Production	Acres	Production	Acres	Production	Acres	Production
Virginia	89,000	275,900	96,000	283,680	97,000	269,660	95,000	198,550
Counties								
Brunswick	130	295	90	196	125	240	...	...
Dinwiddie	2,910	8,950	3,110	8,910	3015	8,970	2,800	4,440
Greensville	8,510	23,450	9,320	24,450	9,300	24,590	9,235	13,081
Isle of Wight	14,240	45,000	14,210	41,610	15,710	42,386	15,160	32,672
Northampton	(C)	(C)	165	452	(C)	(C)	135	251
Prince George	2,330	6,650	2,640	7,760	2,870	7,905	2,765	3,564
Southampton	27,840	89,700	31,500	101,000	30,355	88,303	29,880	63,437
Surry	7,250	22,700	7,290	22,350	7,540	22,012	7,670	15,050
Sussex	11,920	35,725	12,840	37,060	12,950	35,794	12,845	23,194
Cities								
Suffolk	13,650	42,750	14,760	39,730	14,970	39,023	14,365	41,968
Other Counties	220	680	75	160	165	437	145	173

SOURCE: Commonwealth of Virginia, Department of Agriculture and Consumer Services. *Virginia Agricultural Statistics*. Richmond, Virginia, annual.

NOTES: 1986 data are preliminary.

"Production" in thousands of pounds.

C—Included in Other Counties to avoid disclosure of confidential data.

TABLE 1.12
Corn Acreage and Production for Virginia's Counties and Cities: 1983–1986

Locality	1986		1985		1984	
	Acres	Production	Acres	Production	Acres	Production
Virginia	400,000	21,600.0	550,000	54,450.0	540,000	56,160.0
Counties						
Accomack	5,500	393.0	5,700	640.0	4,000	542.0
Albemarle	700	35.0	3,500	322.0	3,400	331.0
Alleghany	(C)	(C)	300	35.0	400	42.0
Amelia	3,500	184.0	5,000	395.0	5,700	528.0
Amherst	200	6.5	600	47.0	800	74.0
Appomattox	900	21.5	2,200	180.5	2,100	190.0
Arlington	...	...	...	...	...	...
Augusta	9,400	575.0	11,000	1,123.0	12,600	1,346.5
Bath	300	18.0	700	70.0	700	63.1
Bedford	500	17.0	2,500	243.0	2,900	302.0
Bland	300	24.0	500	54.0	600	71.0
Botetourt	1,000	52.0	2,200	246.5	2,000	212.0
Brunswick	1,700	60.0	3,700	266.0	4,000	304.0
Buchanan	(C)	(C)	(C)	(C)	(C)	(C)
Buckingham	2,400	58.0	2,900	258.0	2,300	183.1

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TABLE 1.12
Corn Acreage and Production for Virginia's
Counties and Cities: 1983-1986, *CONTINUED*

Locality	1986		1985		1984	
	Acres	Production	Acres	Production	Acres	Production
Campbell	2,900	138.0	4,900	372.0	4,700	376.0
Caroline	9,900	580.0	10,100	1,111.0	10,800	1,301.0
Carroll	200	13.0	800	78.0	900	95.4
Charles City	5,600	235.0	5,900	678.0	6,400	826.0
Charlotte	1,600	63.0	4,000	288.0	4,300	301.0
Chesterfield	300	9.0	800	60.0	850	69.3
Clarke	3,300	140.0	6,700	610.0	6,000	468.0
Craig	400	25.0	700	73.2	1,100	111.0
Culpeper	7,300	400.0	13,800	1,311.0	10,600	1,123.0
Cumberland	1,300	86.0	2,200	189.0	1,750	205.5
Dickenson	(C)	(C)	(C)	(C)	(C)	(C)
Dinwiddie	2,900	110.0	5,300	451.0	5,500	495.0
Essex	17,500	910.0	17,100	1,454.0	17,100	1,804.0
Fairfax	800	33.0	1,000	82.0	1,000	84.0
Fauquier	6,000	375.0	16,800	1,260.0	13,800	1,483.0
Floyd	400	34.0	1,100	120.0	1,400	159.0
Fluvanna	900	42.0	700	58.8	600	59.1
Franklin	1,100	62.0	4,300	425.7	3,600	306.0
Frederick	4,100	205.0	5,000	410.0	4,500	387.0
Giles	(C)	(C)	(C)	(C)	200	17.0
Gloucester	6,600	400.0	6,500	728.0	6,500	799.0
Goochland	2,900	140.0	2,500	207.4	2,900	254.0
Grayson	100	6.0	300	29.0	300	33.6
Greene	1,300	62.0	2,100	216.0	2,200	208.0
Greensville	9,200	336.0	9,500	964.0	10,200	928.0
Halifax	4,400	204.0	7,900	751.0	7,800	660.0
Hanover	5,200	210.0	7,500	780.0	7,500	791.0
Henrico	2,100	96.0	2,800	266.0	3,000	336.0
Henry	500	29.0	800	67.2	900	71.0
Highland	(C)	(C)	350	33.4	400	33.6
Isle of Wight	20,000	700.0	20,400	2,286.0	18,800	1,645.0
James City	2,500	96.0	2,800	330.0	3,000	387.0
King and Queen	8,200	410.0	11,200	1,042.0	11,000	1,215.0
King George	4,300	340.0	5,400	481.0	5,700	710.0
King William	10,900	458.0	13,500	1,520.0	13,600	1,585.0
Lancaster	5,800	247.0	6,900	595.0	7,300	912.0
Lee	2,000	130.0	3,000	306.0	3,000	282.0
Loudoun	16,300	635.0	29,500	2,800.0	25,000	2,676.0
Louisa	3,500	210.0	5,100	423.5	6,000	537.0
Lunenburg	700	40.0	3,500	252.8	3,600	275.0
Madison	5,200	280.0	9,100	846.0	12,500	1,356.0
Mathews	1,700	65.0	1,950	178.0	2,050	215.0
Mecklenburg	3,000	115.0	5,200	391.0	5,600	485.0
Middlesex	5,000	240.0	5,300	472.0	5,400	667.0
Montgomery	2,700	235.0	2,000	232.0	2,000	214.0
Nelson	600	20.0	1,700	148.0	1,700	181.0
New Kent	3,600	153.0	4,050	446.0	3,550	412.0
Northampton	(C)	(C)	(C)	(C)	(C)	(C)
Northumberland	500	28.0	2,000	144.0	2,000	178.0
Nottoway	11,800	568.0	12,800	1,247.0	13,200	1,500.0
Orange	4,700	284.0	8,400	864.0	7,700	793.0
Page	2,500	115.0	5,100	454.0	6,100	588.5
Patrick	800	48.0	1,500	119.3	2,000	200.0
Pittsylvania	3,400	163.0	7,000	557.0	7,800	597.0
Powhatan	700	27.0	1,900	169.0	2,100	204.0
Prince Edward	700	22.0	3,200	262.0	3,500	322.0
Prince George	6,600	200.0	6,800	578.0	6,900	718.0

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TABLE 1.12
Corn Acreage and Production for Virginia's
Counties and Cities: 1983-1986, *CONTINUED*

Locality	1986		1985		1984	
	Acres	Production	Acres	Production	Acres	Production
Prince William	5,400	348.0	7,100	526.0	7,000	700.0
Pulaski	400	36.0	1,400	147.0	1,500	180.0
Rappahannock	1,200	66.0	2,500	220.0	3,000	237.0
Richmond	9,200	400.0	10,300	968.0	10,700	1,096.0
Roanoke	200	12.0	450	43.9	500	46.8
Rockbridge	300	16.0	1,800	180.0	2,300	260.0
Rockingham	3,000	147.0	15,200	1,573.0	14,000	1,540.0
Russell	400	24.0	800	73.0	900	82.4
Scott	900	57.0	900	85.0	1,000	96.1
Shenandoah	2,900	159.0	6,000	546.0	7,300	628.0
Smyth	1,700	132.0	2,200	203.0	2,300	233.5
Southampton	29,900	2,078.0	33,500	3,736.0	30,400	2,812.0
Spotsylvania	2,800	148.0	4,400	413.8	4,000	434.0
Stafford	2,800	194.0	3,000	252.0	2,800	305.0
Surry	9,600	600.0	9,900	1,100.0	9,800	1,039.0
Sussex	9,200	298.0	11,000	1,370.0	11,200	1,372.0
Tazewell	900	89.0	1,300	119.0	1,400	140.0
Warren	700	38.0	1,200	90.0	1,400	103.5
Washington	2,700	267.0	4,600	488.0	5,000	520.0
Westmoreland	14,600	635.0	15,300	1,340.0	15,300	1,830.0
Wise	(C)	(C)	(C)	(C)	(C)	(C)
Wythe	500	30.0	2,900	314.0	3,200	344.0
York	(C)	(C)	(C)	(C)	(C)	(C)
Cities						
Chesapeake	15,300	1,048.0	17,200	2,152.0	14,000	1,701.0
Suffolk	19,600	1,500.0	22,000	2,598.0	17,400	1,818.0
Virginia Beach	11,000	955.0	11,500	1,589.0	12,200	1,586.0
Other Counties	1,900	105.0	2,000	227.0	2,000	228.0
MSAs						
Bristol (Va. portion)	3,600	324.0	5,500	573.0	6,000	616.1
Charlottesville	2,900	139.0	6,300	596.8	6,200	598.1
Danville	3,400	163.0	7,000	557.0	7,800	597.0
Lynchburg	3,100	144.5	5,500	419.0	5,500	450.0
Norfolk	55,000	3,999.0	60,000	7,396.0	53,100	6,291.0
Northern Virginia	25,300	1,210.0	40,600	3,660.0	35,800	3,765.0
Richmond	29,900	1,180.0	37,550	3,635.4	38,700	4,105.3
Roanoke	1,200	64.0	2,650	290.4	2,500	258.8
Planning Districts						
LENOWISCO	2,900	187.0	3,900	391.0	4,000	378.1
Cumberland Plateau	1,300	113.0	2,100	192.0	2,300	222.4
Mount Rogers	5,500	472.0	11,300	1,166.0	12,300	1,297.5
New River Valley	3,500	305.0	4,500	499.0	5,100	570.0
Fifth	1,600	89.0	3,650	398.6	4,000	411.8
Central Shenandoah	13,000	756.0	29,050	2,979.4	30,000	3,243.2
Lord Fairfax	13,500	657.0	24,000	2,110.0	25,300	2,175.0
Northern Virginia	22,500	1,016.0	37,600	3,408.0	33,000	3,460.0
Rappahannock-Rapidan	24,400	1,405.0	50,600	4,501.0	47,600	4,992.0
Thomas Jefferson	7,000	369.0	13,100	1,168.3	13,900	1,316.1
Central Virginia	4,500	183.0	10,200	842.5	10,500	942.0
West Piedmont	5,800	302.0	13,600	1,169.2	14,300	1,174.0
Southside	9,100	379.0	16,800	1,408.0	17,400	1,449.0
Piedmont	22,000	1,021.0	33,600	2,891.8	34,350	3,314.6
Richmond Regional	20,400	870.0	25,450	2,606.4	26,300	2,892.3

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TABLE 1.12
Corn Acreage and Production for Virginia's
Counties and Cities: 1983-1986, *CONTINUED*

Locality	1986		1985		1984	
	Acres	Production	Acres	Production	Acres	Production
RADCO	19,800	1,262.0	22,900	2,257.8	23,300	2,750.0
Northern Neck	30,100	1,310.0	34,500	3,047.0	35,300	4,016.0
Middle Peninsula	49,900	2,483.0	55,550	5,394.0	55,650	6,285.0
Crater	37,500	1,544.0	42,500	4,463.0	43,600	4,552.0
Southeastern Virginia	95,800	6,281.0	104,600	12,360.0	92,800	9,562.0
Peninsula	2,500	96.0	2,800	330.0	3,000	387.0
Accomack-Norhampton	5,500	393.0	5,700	640.0	4,000	542.0

SOURCE: Commonwealth of Virginia, Department of Agriculture and Consumer Services, *Virginia Agricultural Statistics*, Richmond, Virginia, annual.

NOTES: Corn for grain.

1986 data are preliminary.

"Production" in thousands of bushels.

C—Included in Other Counties to prevent disclosure of confidential data.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 1.13
Soybean Acreage and Production for Virginia's
Counties and Cities: 1984-1986

Locality	1986		1985		1984	
	Acres	Production	Acres	Production	Acres	Production
Virginia	570,000	13,680.0	695,000	17,375.0	730,000	21,535.0
Counties						
Accomack	55,400	1,460.0	66,700	1,728.0	68,000	1,870.0
Albemarle	600	13.5	720	18.0	1,050	27.8
Alleghany	(C)	(C)	(C)	(C)	(C)	(C)
Amelia	8,900	151.3	11,500	260.0	15,300	467.0
Amherst	(C)	(C)	(C)	(C)	(C)	(C)
Appomattox	400	8.4	680	20.0	670	20.0
Augusta	(C)	(C)	(C)	(C)	160	4.5
Bath	(C)	(C)	400	10.0	90	2.7
Bedford	450	9.4	580	16.5	880	29.0
Bland	(C)	(C)	(C)	(C)	70	2.0
Botetourt	(C)	(C)	(C)	(C)	(C)	(C)
Brunswick	11,300	272.0	16,000	415.0	17,000	442.0
Buchanan	(C)	(C)	(C)	(C)	(C)	(C)
Buckingham	700	9.1	1,100	29.0	1,400	47.6
Campbell	1,600	28.8	2,300	56.0	2,400	69.6
Caroline	15,800	371.3	18,400	587.0	23,000	712.0
Carroll	(C)	(C)	(C)	(C)	(C)	(C)
Charles City	7,400	148.5	8,600	254.0	8,200	262.5
Charlotte	2,500	47.500	3,000	57.0	2,800	78.4
Chesterfield	2,700	58.1	3,600	83.0	3,900	113.0

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TABLE 1.13
Soybean Acreage and Production for Virginia's
Counties and Cities: 1984-1986, *CONTINUED*

Locality	1986		1985		1984	
	Acres	Production	Acres	Production	Acres	Production
Clarke	600	13.8	760	20.5	470	15.5
Craig	(C)	(C)	(C)	(C)	(C)	(C)
Culpeper	1,800	42.3	2,500	72.5	2,300	63.3
Cumberland	950	18.0	1,280	30.0	760	25.5
Dickenson	(C)	(C)	(C)	(C)	(C)	(C)
Dinwiddie	20,200	428.0	24,300	487.0	24,300	777.6
Essex	19,300	473.0	23,300	652.0	25,000	625.0
Fairfax	350	8.0	480	12.5	470	13.6
Fauquier	2,800	67.5	4,000	96.5	4,700	153.0
Floyd	(C)	(C)	(C)	(C)	(C)	(C)
Fluvanna	390	8.6	500	14.0	590	17.7
Franklin	750	15.7	850	20.0	850	27.6
Frederick	250	5.8	390	9.1	370	10.8
Giles	(C)	(C)	(C)	(C)	(C)	(C)
Gloucester	10,700	284.0	12,800	300.0	13,300	439.0
Goochland	2,200	55.0	3,000	84.0	3,460	116.0
Grayson	(C)	(C)	(C)	(C)	100	2.8
Greene	(C)	(C)	(C)	(C)	(C)	(C)
Greensville	13,300	268.0	15,500	348.0	16,000	496.0
Halifax	7,000	154.0	9,000	180.0	8,900	253.0
Hanover	14,000	343.0	17,400	465.0	20,650	590.0
Hennico	6,600	151.7	8,300	274.0	8,900	272.0
Henry	650	14.0	800	17.2	750	20.6
Highland	(C)	(C)	(C)	(C)	(C)	(C)
Isle of Wight	16,700	377.0	20,000	440.0	19,600	597.8
James City	5,800	134.0	7,200	201.5	7,800	218.5
King and Queen	14,800	296.0	17,600	449.0	19,000	570.0
King George	8,700	280.0	10,400	270.0	10,500	300.0
King William	18,500	435.0	22,600	620.0	24,000	684.0
Lancaster	8,000	164.0	9,950	214.0	9,700	242.5
Lee	(C)	(C)	(C)	(C)	(C)	(C)
Loudoun	6,100	141.0	8,100	209.0	8,800	255.0
Louisa	1,200	24.6	1,490	42.0	1,900	57.0
Lunenburg	6,900	113.8	8,900	160.0	8,300	244.3
Madison	(C)	(C)	190	4.8	190	5.2
Mathews	3,500	68.7	4,250	82.7	4,400	132.0
Mecklenburg	14,400	275.0	18,000	387.0	19,000	589.0
Middlesex	8,200	173.0	10,100	202.0	10,200	255.0
Montgomery	(C)	(C)	(C)	(C)	80	2.2
Nelson	380	7.6	500	14.5	580	16.0
New Kent	7,000	175.0	8,550	256.5	9,800	294.0
Northampton	22,200	444.0	25,900	517.0	31,000	926.0
Northumberland	13,400	322.0	16,400	442.0	16,200	437.5
Nottoway	5,400	113.4	6,800	119.0	6,900	186.1
Orange	950	19.0	1,250	41.2	1,370	41.8
Page	(C)	(C)	290	6.4	(C)	(C)
Patrick	1,100	22.0	1,450	27.5	1,000	27.0
Pittsylvania	15,200	349.6	17,200	379.3	20,500	533.0
Powhatan	850	15.3	1,650	46.0	2,000	61.0
Prince Edward	1,050	17.9	1,650	38.0	2,100	57.0
Prince George	12,500	326.0	15,000	450.0	15,800	497.7
Prince William	900	19.8	1,000	24.0	1,360	40.0
Pulaski	(C)	(C)	(C)	(C)	(C)	(C)
Rappahannock	(C)	(C)	(C)	(C)	(C)	(C)
Richmond	13,000	260.0	15,900	373.0	16,700	418.0

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TABLE 1.13
Soybean Acreage and Production for Virginia's
Counties and Cities: 1984-1986, *CONTINUED*

Locality	1986		1985		1984	
	Acres	Production	Acres	Production	Acres	Production
Roanoke	(C)	(C)	(C)	(C)	90	2.7
Rockbridge	(C)	(C)	(C)	(C)	(C)	(C)
Rockingham	450	10.4	580	13.6	490	14.5
Russell	(C)	(C)	(C)	(C)	(C)	(C)
Scott	(C)	(C)	(C)	(C)	(C)	(C)
Shenandoah	700	16.1	850	18.6	580	17.7
Smyth	(C)	(C)	(C)	(C)	(C)	(C)
Southampton	23,600	665.0	27,700	680.0	26,600	851.2
Spotsylvania	4,700	112.8	6,000	174.0	6,900	190.0
Stafford	2,050	53.3	2,580	75.5	2,900	90.0
Surry	12,500	314.0	15,000	300.0	14,200	475.7
Sussex	19,800	558.0	24,000	720.0	25,000	750.0
Tazewell	(C)	(C)	(C)	(C)	(C)	(C)
Warren	(C)	(C)	(C)	(C)	280	8.7
Washington	(C)	(C)	(C)	(C)	(C)	(C)
Westmoreland	17,100	412.0	20,800	560.5	21,000	525.0
Wise	(C)	(C)	(C)	(C)	(C)	(C)
Wythe	(C)	(C)	(C)	(C)	160	4.5
York	700	16.8	950	22.8	1,000	30.0
Cities						
Chesapeake	27,800	785.0	33,300	765.0	33,000	1,106.0
Suffolk	22,900	620.0	27,200	680.0	27,500	853.0
Virginia Beach	20,000	584.0	24,000	708.0	24,000	804.0
Other Counties	1,380	30.6	980	24.8	1,380	34.8
MSAs						
Bristol (Va. portion)	(C)	(C)	(C)	(C)	(C)	(C)
Charlottesville	990	22.1	1,220	32.0	1,640	45.5
Danville	15,200	349.6	17,200	379.3	20,500	533.0
Lynchburg	1,600	28.8	2,300	56.0	2,400	69.6
Norfolk	87,900	2,423.8	105,450	2,677.3	106,600	3,450.5
Northern Virginia	9,400	222.1	12,160	321.0	13,530	398.6
Richmond	73,450	1,701	90,400	2,400	97,010	2,984
Roanoke	(C)	(C)	(C)	(C)	90	2.7
Planning Districts						
LENOWISCO	(C)	(C)	(C)	(C)	(C)	(C)
Cumberland Plateau	(C)	(C)	(C)	(C)	(C)	(C)
Mount Rogers	(C)	(C)	(C)	(C)	330	9.3
New River Valley	(C)	(C)	(C)	(C)	80	2.2
Fifth	(C)	(C)	(C)	(C)	90	2.7
Central Shenandoah	450	10.4	980	23.6	740	21.7
Lord Fairfax	1,550	35.7	2,290	54.6	1,700	52.7
Northern Virginia	7,350	168.8	9,580	245.5	10,630	308.6
Rappahannock-Rapidan	5,550	128.8	7,940	215.0	8,560	263.3
Thomas Jefferson	2,570	54.3	3,210	88.5	4,120	118.5
Central Virginia	2,450	46.6	3,560	92.5	3,950	118.6
West Piedmont	17,700	401	20,300	444	23,100	608
Southside	32,700	701.0	43,000	982.0	44,900	1,284.0
Piedmont	26,400	471	34,230	693	37,560	1,106
Richmond Regional	40,750	947	51,100	1,463	56,910	1,709
RADCO	31,250	817.4	37,380	1,106.5	43,300	1,292.0
Northern Neck	51,500	1,158.0	63,050	1,589.5	63,600	1,623.0

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TABLE 1.13
Soybean Acreage and Production for Virginia's
Counties and Cities: 1984–1986, CONTINUED

Locality	1986		1985		1984	
	Acres	Production	Acres	Production	Acres	Production
Middle Peninsula	75,000	1,729.7	90,650	2,305.7	95,900	2,705.0
Crater	78,300	1,894	93,800	2,305	95,300	2,997
Southeastern Virginia	111,000	3,031.0	132,200	3,273.0	130,700	4,212.0
Peninsula	6,500	150.8	8,150	224.3	8,800	248.5
Accomack–Northampton	77,600	1,904.0	92,600	2,245.0	99,000	2,796.0

SOURCE: Commonwealth of Virginia, Department of Agriculture and Consumer Services. *Virginia Agricultural Statistics*. Richmond, Virginia, annual.

NOTES: 1986 data are preliminary.

"Production" in thousands of bushels.

C—Included in Other Counties to prevent disclosure of confidential data.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 1.14
Commercial Apple Production for Virginia's Counties and Cities: 1980–1986

Locality	1986	1985	1984	1983	1982	1981	1980
Virginia	10,953	9,405	11,071	10,833	11,905	11,070	10,000
Counties							
Albemarle	440	160	500	410	460	480	420
Amherst	40	20	40	25	35	35	50
Augusta and							
Rockbridge	30	40	30	30	20	60	50
Bedford	140	50	210	140	190	170	100
Botetourt	360	170	400	360	490	430	300
Carroll	350	330	370	310	330	355	370
Clarke	1,280	1,400	1,270	1,350	1,250	1,350	870
Floyd	20	10	20	20	20	20	30
Franklin	240	120	270	280	300	230	260
Frederick	4,425	4,210	4,010	4,300	4,710	3,970	3,960
Madison	190	90	190	130	150	160	120
Nelson	435	140	600	355	510	520	480
Patrick	270	220	240	200	230	240	250
Rappahannock	430	380	580	610	580	620	430
Roanoke	115	60	100	120	150	150	180
Rockingham	960	750	920	930	975	830	690
Shenandoah	650	600	760	550	730	600	680
Smyth	105	150	140	200	280	310	350
Warren	130	200	120	170	200	240	120
Wise and Wythe	20	30	30	30	30	30	60
Other Counties	323	275	271	313	265	270	230

SOURCE: Commonwealth of Virginia, Department of Agriculture and Consumer Services. *Virginia Agricultural Statistics*. Richmond, Virginia, annual.

NOTES: Forty-two pound equivalents, thousand units.

1986 data are preliminary. Based on reports from growers and processors.

TABLE 1.15
Livestock on Farms, Number and Value, for the U.S.,
Virginia, and Surrounding States: 1987 and 1988

	All Cattle		Milk Cows		Sheep & Lambs		Hogs & Pigs	
	Number 1988	Value 1987	Number 1988	Value 1987	Number 1988	Value 1987	Number 1987	Value 1987
United States	98,994	\$24,629	10,307	\$18,004	10,774	\$499.0	53,795	\$10,427
Virginia	1,700	790.5	145	272.0	140	6.0	420	302.4
Delaware	29	18.3	9	...	...	...	58	15.2
District of Columbia	...	...	...	...	...	...	...	...
Florida	1,970	94.5	179	362.0	...	...	150	11.0
Georgia	1,520	67.6	102	164.0	...	...	1,175	75.2
Kentucky	2,450	116.3	218	302.0	34	1.6	900	60.3
Maryland	320	21.1	113	...	22	1.0	220	167.2
North Carolina	825	37.5	105	229.0	13	0.4	2,500	200.0
South Carolina	620	27.6	43	...	...	...	400	28.6
Tennessee	2,300	107.0	204	297.0	12	0.4	800	64.0
West Virginia	490	21.6	31	...	67	3.4	36	31.7

SOURCES: U.S. Department of Agriculture, *Agricultural Statistics 1988*, U.S. Government Printing Office, Washington, D.C., annual; U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States, 1989*, U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Number" in thousands.
 "Value" in millions of dollars.

TABLE 1.16
Number of Cattle and Calves on Farms for Virginia's
Counties and Cities: 1981-1987

Locality	1987	1986	1985	1984	1983	1982	1981
Virginia	1,860.0	1,840.0	1,760.0	1,950.0	1,700.0	1,850.0	1,750.0
Counties							
Accomack	1.9	1.9	2.0	2.1	2.3	2.6	2.6
Albemarle	35.5	36.2	38.6	43.0	37.0	40.0	38.8
Alleghany	4.3	3.9	3.8	4.2	3.8	4.3	4.3
Amelia	12.2	11.7	12.5	14.0	12.0	12.7	11.9
Amherst	22.5	21.6	18.3	21.2	17.7	18.8	17.5
Appomattox	21.8	20.9	18.5	21.1	18.0	20.1	18.4
Arlington	...	...	...	...	...	...	...
Augusta	98.0	100.0	101.0	107.0	94.5	102.0	100.0
Bath	6.1	5.8	6.4	8.7	7.0	8.1	8.0
Bedford	63.0	60.0	54.0	59.0	50.0	53.9	51.0
Bland	23.0	21.7	23.0	24.5	19.0	20.3	18.5
Botetourt	22.9	22.9	21.9	24.1	21.5	23.0	25.0
Brunswick	12.9	13.0	10.5	13.0	10.3	11.5	10.2
Buchanan	0.8	0.8	0.7	0.9	0.7	0.8	0.8
Buckingham	17.2	16.5	13.5	16.0	12.2	13.7	14.8
Campbell	29.0	27.5	24.5	28.6	26.0	27.1	27.4
Caroline	6.9	6.7	4.5	6.8	6.1	6.8	5.8
Carroll	39.5	38.2	35.0	39.0	34.6	36.3	35.0
Charles City	1.3	1.2	1.2	1.4	1.1	1.2	1.4
Charlotte	20.8	19.8	18.8	20.4	21.5	23.0	22.5

CONTINUED ➡



TABLE 1.16
Number of Cattle and Calves on Farms for Virginia's
Counties and Cities: 1981-1987, *CONTINUED*

Locality	1987	1986	1985	1984	1983	1982	1981
Chesterfield	2.1	1.9	1.9	2.1	1.8	2.1	2.1
Clarke	21.3	22.1	20.5	22.0	18.5	21.7	21.0
Craig	7.6	7.6	7.5	8.2	5.5	6.1	6.7
Culpeper	35.0	34.0	32.0	39.0	38.3	40.0	38.2
Cumberland	13.8	14.0	12.5	15.2	11.3	12.7	11.5
Dickenson	1.0	1.1	1.1	1.3	1.2	1.4	1.3
Dinwiddie	7.1	6.9	7.0	8.1	6.5	7.3	6.5
Essex	3.6	3.6	3.8	3.9	3.4	3.8	4.0
Fairfax	4.4	4.1	3.4	3.9	4.9	5.1	5.2
Fauquier	62.0	64.0	62.0	68.0	59.5	67.5	59.0
Floyd	36.0	34.5	33.0	36.0	30.2	34.3	32.8
Fluvanna	11.7	11.7	9.9	12.1	10.0	10.8	10.7
Franklin	56.0	55.0	51.0	57.0	47.5	50.1	47.0
Frederick	23.0	24.0	22.8	23.0	22.2	24.4	23.8
Giles	10.5	10.1	9.8	12.3	11.2	12.7	12.4
Gloucester	1.9	1.8	1.7	1.7	1.4	1.6	1.4
Goochland	11.8	11.3	10.0	11.1	9.3	10.1	9.0
Grayson	36.0	36.7	31.0	36.0	36.5	39.7	37.4
Greene	10.5	10.0	9.8	11.5	10.7	11.3	11.5
Greensville	3.3	3.4	3.4	3.4	3.7	4.2	3.9
Halifax	27.5	26.2	23.0	26.4	25.0	28.7	26.0
Hanover	23.7	23.5	22.5	24.1	19.7	21.6	20.0
Henrico	6.1	5.9	5.4	5.8	4.5	5.1	4.7
Henry	8.8	8.5	7.2	8.7	7.7	8.9	8.1
Highland	12.0	10.5	10.5	13.1	11.9	13.4	12.2
Isle of Wight	8.8	8.7	8.0	8.7	7.8	8.0	7.0
James City	2.6	2.7	2.4	2.7	2.2	2.5	2.3
King and Queen	1.5	1.3	1.9	2.0	1.4	1.6	1.4
King George	3.2	(C)	4.5	4.5	3.6	4.1	4.0
King William	5.6	5.8	6.1	1.6	1.6	1.6	1.5
Lancaster	1.0	0.9	1.1	1.2	1.2	1.4	1.4
Lee	32.0	30.5	28.0	32.0	22.0	25.0	26.0
Loudoun	50.0	51.0	50.0	57.0	48.9	54.2	51.5
Louisa	22.1	21.8	19.0	21.4	16.5	19.0	18.2
Lunenburg	10.9	10.3	9.0	10.6	8.0	9.0	9.5
Madison	36.0	37.0	35.0	41.0	35.8	36.8	34.0
Mathews	0.9	0.9	0.8	1.0	1.1	1.2	1.3
Mecklenburg	26.0	27.0	28.0	30.0	23.0	25.0	24.4
Middlesex	1.5	1.5	1.6	1.6	1.6	1.6	1.5
Montgomery	23.7	24.0	22.0	26.0	24.2	27.7	27.0
Nelson	17.3	16.6	13.7	16.1	12.0	13.5	14.3
New Kent	0.9	0.9	1.0	1.0	1.1	1.2	1.3
Northampton	0.9	0.8	0.8	0.9	0.7	0.8	0.9
Northumberland	1.2	1.2	1.3	1.4	1.2	1.3	1.4
Nottoway	13.5	13.7	12.0	14.0	13.4	16.0	14.5
Orange	45.0	43.5	45.0	41.0	31.0	35.7	34.0
Page	21.0	20.0	21.2	23.0	16.2	18.5	17.5
Patrick	15.5	15.8	16.0	17.4	16.5	18.0	16.0
Pittsylvania	39.0	38.7	37.0	40.0	33.8	34.5	33.0
Powhatan	11.9	11.8	12.1	12.8	10.7	11.2	12.0
Prince Edward	13.7	13.1	10.0	12.4	12.5	14.1	13.5
Prince George	4.0	4.0	3.2	4.0	3.7	4.3	4.0
Prince William	13.0	14.3	12.0	15.3	14.5	15.9	15.3
Pulaski	27.0	28.3	24.0	30.0	29.8	31.9	29.7
Rappahannock	13.0	11.9	13.0	16.0	13.2	14.3	13.5
Richmond	1.5	1.4	1.3	1.4	1.6	1.8	1.9
Roanoke	6.6	6.3	6.9	8.7	7.8	8.6	7.4
Rockbridge	52.0	54.0	49.0	50.0	43.0	45.3	42.9
Rockingham	114.0	118.0	121.0	124.0	113.0	116.1	107.0
Russell	36.5	34.5	31.0	38.0	35.4	38.1	35.0

CONTINUED ➡

TABLE 1.16
Number of Cattle and Calves on Farms for Virginia's
Counties and Cities: 1981-1987, *CONTINUED*

Locality	1987	1986	1985	1984	1983	1982	1981
Scott	23.0	22.3	20.0	22.8	19.4	22.2	19.5
Shenandoah	42.0	43.0	46.0	44.0	39.4	40.3	38.5
Smyth	33.0	31.5	31.0	36.0	27.0	32.2	30.0
Southampton	11.2	11.0	11.0	11.1	9.8	11.8	10.5
Spotsylvania	14.2	13.6	12.0	14.9	11.5	12.1	11.7
Stafford	6.8	6.6	6.3	6.6	6.3	7.1	6.1
Surry	2.2	2.3	2.0	2.4	2.1	2.5	2.3
Sussex	4.1	4.1	3.7	4.3	3.9	4.3	4.0
Tazewell	23.5	22.3	27.0	28.4	30.9	33.8	30.0
Warren	11.5	11.0	10.8	12.5	11.3	13.0	11.3
Washington	65.0	63.0	57.2	66.0	57.0	60.5	56.7
Westmoreland	3.3	3.4	2.9	3.4	2.7	3.0	3.2
Wise	2.5	2.4	2.2	2.6	1.9	2.1	2.1
Wythe	54.0	54.1	55.0	58.0	53.6	57.4	50.4
York	(C)	(C)	(C)	(C)	(C)	0.5	0.6
Cities							
Chesapeake	3.3	3.5	3.3	3.8	2.5	2.6	2.5
Hampton	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Newport News	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Suffolk	7.3	7.4	6.3	7.3	6.8	7.3	7.0
Virginia Beach	2.4	2.5	2.2	2.5	1.9	1.9	1.7
Other Counties	0.8	1.1	1.1	0.9	0.7	0.4	0.5
MSAs							
Bristol (Va. portion)	88.0	85.3	77.2	88.8	76.4	82.7	76.2
Charlottesville	57.7	57.9	58.3	66.6	57.7	62.1	61.0
Danville	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Lynchburg	51.5	49.1	42.8	49.8	43.7	45.9	44.9
Norfolk	17.5	17.9	15.9	18.0	14.8	16.4	15.5
Northern Virginia	74.2	76.0	71.7	82.8	74.6	82.3	78.1
Richmond	141.8	128.0	131.7	129.8	44.0	48.6	45.0
Roanoke	29.5	29.2	28.8	32.8	29.3	31.6	32.4
Planning Districts							
LENOWISCO	57.5	55.2	50.2	57.4	43.3	49.3	47.6
Cumberland Plateau	61.8	58.7	59.8	68.6	68.2	74.1	67.1
Mount Rogers	250.5	245.2	232.2	259.5	227.7	246.4	228.0
New River Valley	97.2	96.9	88.8	104.3	95.4	106.6	101.9
Fifth	41.4	40.7	40.1	45.2	38.6	42.0	43.4
Central Shenandoah	282.1	288.3	287.9	302.8	269.4	284.9	270.1
Lord Fairfax	118.8	120.1	121.3	124.5	107.6	117.9	112.1
Northern Virginia	67.4	69.4	65.4	76.2	68.3	75.2	72.0
Rappahannock-Rapidan	191.0	190.4	187.0	205.0	177.8	194.3	178.7
Thomas Jefferson	97.1	96.3	91.0	104.1	86.2	94.6	93.5
Central Virginia	136.3	130.0	115.3	129.9	111.7	119.9	114.3
West Piedmont	80.3	79.3	74.2	83.1	71.7	77.0	71.1
Southside	66.4	66.2	61.5	69.4	58.3	65.2	60.6
Piedmont	88.4	86.0	78.3	90.2	78.4	87.1	84.7
Richmond Regional	45.9	44.7	42.0	45.5	37.5	41.3	38.5

CONTINUED ➡



TABLE 1.16
Number of Cattle and Calves on Farms for Virginia's
Counties and Cities: 1981–1987, *CONTINUED*

Locality	1987	1986	1985	1984	1983	1982	1981
RADCO	31.1	26.9	27.3	32.8	27.5	30.1	27.6
Northern Neck	7.0	6.9	6.6	7.4	6.7	7.5	7.9
Middle Peninsula	15.0	14.9	15.9	11.8	10.5	11.4	11.1
Crater	105.5	93.1	98.8	94.4	16.2	18.3	16.7
Southeastern Virginia	33.0	33.1	30.8	33.4	28.8	31.6	28.7
Peninsula	2.6	2.7	2.4	2.7	2.2	3.0	2.9
Accomack–Northampton	2.8	2.7	2.8	3.0	3.0	3.4	3.5

SOURCE: Commonwealth of Virginia, Department of Agriculture and Consumer Services, *Virginia Agricultural Statistics*, Richmond, Virginia, annual.

NOTES: In thousands.

1987 data are preliminary.

C—Localities with less than 500 head included in Other Counties to prevent disclosure of individual operations.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 1.17
Number of Milk Cows and Heifers on Farms
for Virginia's Counties and Cities: 1981–1987

Locality	1987	1986	1985	1984	1983	1982	1981
Virginia	150.0	165.0	162.0	170.0	172.0	172.0	172.0
Counties							
Accomack	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Albemarle	1.5	1.6	1.4	1.9	1.9	1.6	1.5
Alleghany	(C)	0.2	0.2	0.2	0.2	0.2	(C)
Amelia	2.8	2.9	2.5	2.4	2.5	2.6	2.6
Amherst	0.3	0.4	0.4	0.5	0.6	0.4	0.4
Appomattox	1.3	1.3	1.3	1.4	1.3	1.5	1.8
Augusta	11.5	11.7	11.3	11.0	10.7	10.9	10.6
Bath	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Bedford	4.8	5.6	5.4	5.3	5.4	5.3	5.3
Bland	0.9	0.9	1.1	1.2	1.2	1.2	1.2
Botetourt	2.3	2.3	2.3	2.4	2.4	2.4	2.4
Brunswick	1.3	1.8	1.8	1.8	1.9	1.9	1.8
Buchanan	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Buckingham	0.2	0.3	0.3	0.3	0.4	0.4	0.4
Campbell	1.9	2.2	2.2	2.5	2.2	2.5	2.6
Caroline	0.3	0.5	0.4	0.5	0.6	0.6	0.6
Carroll	2.1	2.6	2.5	2.8	3.1	3.2	3.4
Charles City	(C)	(C)	(C)	(C)	0.2	(C)	(C)
Charlotte	2.1	2.3	2.6	2.8	2.4	2.5	2.6
Chesterfield	(C)	(C)	(C)	(C)	0.2	(C)	(C)
Clarke	1.8	2.4	2.1	2.2	2.4	2.4	2.3
Craig	(C)	0.2	0.2	0.2	0.2	(C)	(C)
Culpeper	3.6	4.8	4.5	4.5	4.4	4.5	4.6
Cumberland	1.5	1.4	1.4	1.6	1.6	1.5	1.5
Dickenson	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Dinwiddie	1.2	1.3	1.2	1.3	1.2	1.2	1.2
Essex	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Fairfax	0.3	0.2	0.2	0.3	0.4	0.5	0.6

CONTINUED ➡

TABLE 1.17
Number of Milk Cows and Heifers on Farms for Virginia's
Counties and Cities: 1981-1987, *CONTINUED*

Locality	1987	1986	1985	1984	1983	1982	1981
Fauquier	6.6	7.9	6.6	6.8	7.2	7.2	6.6
Floyd	2.4	2.8	2.7	2.8	3.3	3.3	3.4
Fluvanna	0.4	0.6	0.4	0.3	0.7	0.6	0.5
Franklin	11.0	10.3	10.8	11.2	10.0	10.0	9.6
Frederick	0.9	1.1	0.9	1.0	0.9	1.0	1.0
Giles	0.3	0.4	0.4	0.4	0.6	(C)	(C)
Gloucester	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Goochland	0.9	1.1	1.0	0.8	1.1	1.1	1.1
Grayson	1.8	2.2	2.6	2.9	2.6	2.7	2.8
Greene	0.6	0.8	0.8	0.9	0.8	0.8	0.8
Greensville	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Halifax	1.2	1.6	1.6	1.7	1.6	1.7	1.8
Hanover	1.9	2.0	1.9	1.9	2.0	1.9	1.8
Henrico	(C)	(C)	(C)	0.2	0.2	0.2	0.2
Henry	0.3	0.4	0.4	0.4	0.4	0.4	0.4
Highland	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Isle of Wight	(C)	(C)	(C)	(C)	(C)	(C)	(C)
James City	0.2	0.2	0.2	0.2	0.2	0.2	0.2
King and Queen	(C)	0.2	0.2	0.2	0.2	0.2	0.2
King George	(C)	(C)	(C)	0.2	0.2	0.3	0.4
King William	1.4	1.4	1.2	1.4	1.4	1.4	1.6
Lancaster	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Lee	0.7	1.0	1.2	1.2	1.3	1.4	1.5
Loudoun	2.1	3.0	2.6	3.1	3.8	4.1	4.3
Louisa	0.5	0.5	0.5	0.6	0.7	0.7	0.8
Lunenburg	0.4	0.5	0.6	0.6	0.6	0.6	0.6
Madison	2.9	3.1	3.0	2.9	3.2	3.2	3.2
Mathews	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Mecklenburg	1.1	1.4	1.5	1.6	1.5	1.4	1.4
Middlesex	0.2	0.3	0.4	0.4	0.4	0.4	0.4
Montgomery	3.8	3.5	3.7	3.7	3.6	3.7	3.7
Nelson	0.2	0.3	0.3	0.3	0.2	(C)	(C)
New Kent	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Northampton	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Northumberland	0.2	0.4	0.5	(C)	(C)	0.2	0.3
Nottoway	2.2	2.3	2.2	2.1	2.1	2.2	2.2
Orange	2.3	2.6	2.5	2.7	2.9	3.1	3.2
Page	0.7	0.8	0.8	1.0	1.0	1.0	0.9
Patrick	1.1	1.2	1.4	1.6	1.6	1.7	1.8
Pittsylvania	2.2	2.4	2.5	2.7	2.5	2.6	2.6
Powhatan	2.2	2.3	2.4	2.6	2.5	2.5	2.6
Prince Edward	2.3	2.5	2.6	3.0	2.5	2.6	2.8
Prince George	(C)	(C)	0.2	0.2	0.2	0.2	0.2
Prince William	1.5	1.7	1.4	1.3	1.6	1.6	1.6
Pulaski	2.1	2.4	2.5	2.6	2.6	2.5	2.4
Rappahannock	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Richmond	(C)	(C)	0.2	0.2	0.2	(C)	(C)
Roanoke	0.5	0.6	0.5	0.5	0.6	0.5	0.5
Rockbridge	1.5	1.9	1.7	2.0	2.1	1.9	1.6
Rockingham	22.5	23.0	24.1	25.0	23.9	22.0	20.8
Russell	1.1	1.6	1.6	1.6	1.7	1.9	2.0
Scott	0.4	0.7	0.7	0.8	0.8	0.8	0.9
Shenandoah	3.0	3.4	3.1	2.9	3.5	3.6	3.7
Smyth	2.7	2.7	2.8	3.0	3.3	3.4	3.7
Southampton	0.3	0.2	0.2	0.2	0.2	0.3	0.2
Spotsylvania	2.0	2.4	2.2	2.2	2.1	2.1	2.2
Stafford	0.2	0.3	0.4	0.4	0.5	0.3	0.2
Surry	(C)	(C)	0.2	0.2	0.2	0.2	0.2
Sussex	0.2	0.2	(C)	(C)	(C)	(C)	(C)

CONTINUED —



TABLE 1.17
Number of Milk Cows and Heifers on Farms for Virginia's
Counties and Cities: 1981-1987, *CONTINUED*

Locality	1987	1986	1985	1984	1983	1982	1981
Tazewell	1.1	1.4	1.4	1.5	1.3	1.4	1.5
Warren	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Washington	6.3	6.4	5.6	5.8	5.9	7.1	8.1
Westmoreland	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Wise	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Wythe	4.7	4.7	4.1	4.3	5.6	5.5	5.4
York	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Cities							
Chesapeake	0.4	0.6	0.6	0.6	0.7	0.8	0.8
Hampton	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Newport News	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Suffolk	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Virginia Beach	0.6	0.4	0.4	0.5	0.5	0.5	0.5
Other Counties	1.5	1.6	1.6	2.6	2.4	2.6	2.6
MSAs							
Bristol (Va. portion)	6.7	7.1	6.3	6.6	6.7	7.9	9.0
Charlottesville	2.5	3.0	2.6	3.1	3.4	3.0	2.8
Danville	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Lynchburg	2.2	2.6	2.6	3.0	2.8	2.9	3.0
Norfolk	1.6	1.6	1.6	1.7	1.8	1.9	1.9
Northern Virginia	4.1	5.2	4.6	5.1	6.3	6.5	6.7
Richmond	10.6	11.1	12.0	13.2	4.9	4.4	4.3
Roanoke	2.8	2.9	2.8	2.9	3.0	2.9	2.9
Planning Districts							
LENOWISCO	1.5	2.1	2.3	2.4	2.5	2.6	2.8
Cumberland Plateau	2.2	3.0	3.0	3.1	3.0	3.3	3.5
Mount Rogers	18.5	19.5	18.7	2(C)	21.7	23.1	24.6
New River Valley	8.6	9.1	9.3	9.5	10.1	9.5	9.5
Fifth	2.8	3.3	3.2	3.3	3.4	3.1	2.9
Central Shenandeah	35.5	36.6	37.1	38.0	36.7	34.8	33.0
Lord Fairfax	6.4	7.7	6.9	7.1	7.8	8.0	7.9
Northern Virginia	3.9	4.9	4.2	4.7	5.8	6.2	6.5
Rappahannock-Rapidan	15.4	18.4	16.6	16.9	17.7	18.0	17.6
Thomas Jefferson	3.2	3.8	3.4	4.0	4.3	3.7	3.6
Central Virginia	8.3	9.5	9.3	9.7	9.5	9.7	10.1
West Piedmont	12.4	11.9	12.6	13.2	12.0	12.1	11.8
Southside	3.6	4.8	4.9	5.1	5.0	5.0	5.0
Piedmont	9.2	9.7	9.6	9.8	9.6	9.8	9.9
Richmond Regional	2.8	3.1	2.9	2.9	3.7	3.2	3.1
RADCO	2.5	3.2	3.0	3.3	3.4	3.3	3.4
Northern Neck	0.2	0.4	0.7	0.2	0.2	0.2	0.3
Middle Peninsula	1.6	1.9	1.8	2.0	2.0	2.0	2.2
Crater	8.0	8.2	9.3	10.5	1.4	1.4	1.4
Southeastern Virginia	1.7	1.6	1.6	1.7	1.8	2.0	1.9
Peninsula	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Accomack-Norhampton	(C)	(C)	(C)	(C)	(C)	(C)	(C)

SOURCE: Commonwealth of Virginia, Department of Agriculture and Consumer Services. *Virginia Agricultural Statistics*. Richmond, Virginia, annual.

NOTES: In thousands.
 1987 data are preliminary.
 C—Localities with less than 200 head included in Other Counties to prevent disclosure of individual operations.
 A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
 A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 1.18
Number of Hogs and Pigs on Farms for Virginia's
Counties and Cities: 1980-1986

Locality	1986	1985	1984	1983	1982	1981	1980
Virginia	360.0	400.0	370.0	550.0	500.0	640.0	750.0
Counties							
Accomack	3.7	4.3	4.5	7.2	7.4	9.0	10.7
Albemarle	2.0	2.5	2.8	4.0	4.3	5.0	5.5
Alleghany	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Amelia	6.4	7.5	7.3	11.0	10.0	13.0	14.4
Amherst	(C)	(C)	(C)	1.2	1.0	1.2	1.7
Appomattox	(C)	(C)	(C)	1.1	1.2	1.6	1.8
Augusta	13.5	15.0	13.0	18.0	12.7	16.5	20.0
Bath	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Bedford	2.2	2.4	2.0	2.8	2.5	2.9	3.4
Bland	(C)	(C)	1.1	1.9	1.7	2.0	2.9
Botetourt	(C)	(C)	(C)	1.1	1.0	1.3	1.8
Brunswick	6.0	7.0	6.4	8.5	5.6	7.5	9.5
Buchanan	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Buckingham	3.4	3.7	3.0	5.5	4.9	5.5	7.0
Carroll	1.7	2.0	2.2	3.5	3.0	3.5	5.0
Caroline	1.5	1.8	2.0	3.2	3.7	4.4	5.6
Carroll	(C)	(C)	(C)	(C)	(C)	(C)	1.3
Charles City	(C)	(C)	(C)	1.3	1.3	1.6	1.8
Charlotte	2.7	3.0	2.7	5.0	5.5	7.5	9.7
Chesterfield	(C)	(C)	(C)	1.0	1.0	1.2	1.6
Clarke	1.7	2.1	1.9	2.4	2.3	2.9	3.6
Craig	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Culpeper	4.0	4.1	3.7	3.8	3.1	4.6	5.3
Cumberland	2.4	3.4	3.0	6.4	6.5	8.5	9.5
Dickenson	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Dinwiddie	6.4	7.6	7.5	9.5	9.9	12.3	14.8
Essex	5.0	3.8	3.2	5.8	4.5	6.1	7.3
Fairfax	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Fauquier	1.5	1.6	1.9	3.1	2.9	3.8	4.8
Floyd	(C)	(C)	(C)	(C)	(C)	1.0	1.4
Fluvanna	1.4	1.6	1.2	1.8	1.6	2.0	2.5
Franklin	2.3	2.6	2.3	2.9	2.4	2.5	3.0
Frederick	1.1	1.6	1.8	2.9	2.7	3.5	3.8
Giles	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Gloucester	(C)	(C)	(C)	1.3	1.3	1.6	2.0
Goochland	1.7	2.2	2.2	3.5	3.3	4.0	4.5
Grayson	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Greene	1.1	1.4	1.3	1.8	2.0	2.8	4.0
Greensville	14.5	17.0	15.0	23.0	20.7	25.5	28.0
Halifax	3.0	3.3	3.0	5.2	4.0	5.5	6.8
Hanover	5.1	5.4	5.2	8.7	9.2	12.0	16.0
Henrico	1.1	1.4	1.1	1.9	2.1	2.7	3.5
Henry	1.4	1.4	1.3	2.1	1.5	2.0	2.3
Highland	(C)	25.0	(C)	(C)	(C)	(C)	(C)
Isle of Wight	24.0	(C)	23.0	25.0	22.4	28.5	33.0
James City	(C)	(C)	(C)	(C)	(C)	(C)	1.2
King and Queen	3.2	3.8	3.5	6.0	4.4	5.8	7.0
King George	(C)	(C)	(C)	1.1	1.1	1.6	2.3
King William	1.2	1.5	1.2	2.4	2.6	3.5	4.2
Lancaster	1.2	1.6	1.3	2.9	3.2	4.2	5.2
Lee	(C)	(C)	(C)	(C)	(C)	1.0	1.4
Loudoun	8.0	8.3	8.0	11.5	11.4	15.0	16.5
Louisa	4.5	5.7	5.5	6.0	4.7	5.5	6.0
Lunenburg	3.8	3.8	3.3	5.0	4.1	5.7	7.2
Madison	4.6	4.5	5.0	7.6	7.6	10.0	11.0

CONTINUED ➡



TABLE 1.18
Number of Hogs and Pigs on Farms for Virginia's
Counties and Cities: 1980–1986, *CONTINUED*

Locality	1986	1985	1984	1983	1982	1981	1980
Mathews	0.8	1.1	(C)	1.2	1.0	1.4	2.0
Mecklenburg	3.8	4.7	4.7	7.5	7.0	8.5	11.0
Middlesex	(C)	(C)	(C)	1.3	1.2	1.6	2.3
Montgomery	(C)	(C)	1.0	2.0	2.3	3.0	4.0
Nelson	2.0	2.1	1.4	2.3	1.4	1.7	2.3
New Kent	(C)	(C)	(C)	1.7	2.0	2.7	3.4
Northampton	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Northumberland	1.0	1.3	1.3	1.9	1.4	1.8	2.6
Nottoway	1.6	1.7	1.2	1.8	1.3	1.3	1.9
Orange	4.5	5.0	3.6	5.5	4.9	6.0	6.2
Page	3.8	4.4	4.3	4.7	3.5	4.5	6.5
Patrick	1.5	1.5	1.5	2.6	2.1	3.0	4.0
Pittsylvania	5.5	5.7	5.9	10.2	10.3	13.3	15.3
Powhatan	2.5	3.0	3.5	5.3	4.3	5.0	6.8
Prince Edward	1.2	1.4	(C)	1.5	1.7	2.0	2.6
Prince George	3.0	4.1	4.1	6.0	5.2	7.0	8.0
Prince William	2.0	2.4	1.5	2.5	2.3	3.2	3.0
Pulaski	(C)	(C)	(C)	(C)	1.1	1.5	2.1
Rappahannock	(C)	(C)	(C)	1.3	1.2	1.5	1.7
Richmond	1.3	1.6	1.2	2.5	2.5	3.5	4.4
Roanoke	(C)	(C)	(C)	1.3	1.5	1.8	2.2
Rockbridge	(C)	(C)	(C)	1.1	1.1	1.6	2.3
Rockingham	13.0	16.0	16.0	26.0	24.2	31.5	35.2
Russell	(C)	(C)	(C)	1.3	1.1	1.4	1.8
Scott	(C)	(C)	(C)	(C)	(C)	1.0	1.3
Shenandoah	5.0	6.0	6.0	7.2	6.6	8.6	9.6
Smyth	(C)	(C)	(C)	1.6	1.2	1.5	2.0
Southampton	38.4	42.0	42.0	52.3	46.0	59.0	65.0
Spotsylvania	(C)	(C)	(C)	1.6	1.3	1.6	2.0
Stafford	1.0	1.2	(C)	(C)	(C)	(C)	(C)
Surry	12.2	12.0	10.8	14.4	12.7	17.0	20.3
Sussex	13.0	13.0	12.5	23.	20.6	27.5	31.5
Tazewell	(C)	(C)	(C)	1.8	1.5	1.9	2.4
Warren	(C)	(C)	(C)	1.1	1.0	1.4	1.7
Washington	2.1	2.4	2.4	5.1	4.5	5.9	7.0
Westmoreland	(C)	(C)	(C)	2.2	2.2	3.0	3.8
Wise	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Wythe	12.3	14.2	11.9	12.8	10.6	13.5	17.0
York	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Cities							
Chesapeake	2.2	2.9	3.0	5.6	5.2	7.0	8.0
Hampton	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Newport News	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Suffolk	22.0	21.0	18.0	26.0	24.4	30.5	35.0
Virginia Beach	40.5	46.0	40.0	66.0	62.0	77.0	83.0
Other Counties	16.5	19.4	15.1	7.9	7.5	7.0	7.0
MSAs							
Bristol (Va. portion)	2.1	2.4	2.4	5.1	4.5	6.9	8.3
Charlottesville	4.5	5.5	5.3	7.6	7.9	9.8	12.0
Danville	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Lynchburg	1.7	2.0	2.2	4.7	4.0	4.7	6.7
Norfolk	64.7	69.9	61.0	98.9	92.9	116.1	129.2
Northern Virginia	11.0	11.9	9.5	14.0	13.7	18.2	19.5
Richmond	19.4	21.1	22.9	35.9	28.8	36.5	45.6
Roanoke	(C)	(C)	(C)	2.4	2.5	3.1	4.0

CONTINUED ➡

TABLE 1.18
Number of Hogs and Pigs on Farms for Virginia's
Counties and Cities: 1980-1986, *CONTINUED*

Locality	1986	1985	1984	1983	1982	1981	1980
Planning Districts							
LENOWISCO	(C)	(C)	(C)	(C)	(C)	2.0	2.7
Cumberland Plateau	(C)	(C)	(C)	3.1	2.6	3.3	4.2
Mount Rogers	14.4	16.6	15.4	21.4	18.0	22.9	30.2
New River Valley	(C)	(C)	1.0	2.0	3.4	5.5	7.5
Fifth	(C)	(C)	(C)	2.4	2.5	3.1	4.0
Central Shenandoah	26.5	56.0	29.0	45.1	38.0	49.6	57.5
Lord Fairfax	11.6	14.1	14.0	18.3	16.1	20.9	25.2
Northern Virginia	1(C)	10.7	9.5	14.0	13.7	18.2	19.5
Rappahannock-Rapidan	14.6	15.2	14.2	21.3	19.7	25.9	29.0
Thomas Jefferson	11.0	13.3	12.2	15.9	14.0	17.0	20.3
Central Virginia	3.9	4.4	4.2	8.6	7.7	9.2	11.9
West Piedmont	5.2	5.5	5.1	7.6	6.0	7.5	9.3
Southside	12.8	15.0	14.1	21.2	16.6	21.5	27.3
Piedmont	20.3	23.1	20.5	34.7	32.3	41.5	49.7
Richmond Regional	7.9	9.0	8.5	18.1	18.9	24.2	30.8
RADCO	2.5	3.0	2.0	5.9	6.1	7.6	9.9
Northern Neck	3.5	4.5	3.8	9.5	9.3	12.5	16.0
Middle Peninsula	10.2	10.2	7.9	18.0	15.0	2(C)	24.8
Crater	51.2	54.1	52.7	78.2	63.9	82.3	94.6
Southeastern Virginia	127.1	111.9	126.0	174.9	16(C)	202.0	224.0
Peninsula	(C)	(C)	(C)	(C)	(C)	(C)	1.2
Accomack-Norhampton	3.7	4.3	4.5	7.2	7.4	9.0	10.7

SOURCE: Commonwealth of Virginia, Department of Agriculture and Consumer Services. *Virginia Agricultural Statistics*. Richmond, Virginia, annual.

NOTES: In thousands.

1986 data are preliminary.

C—Localities with less than 1,000 head included in Other Counties to prevent disclosure of individual operations. A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 1.19
Number of Sheep and Lambs on Farms for Virginia's
Counties and Cities: 1981-1987

Locality	1987	1986	1985	1984	1983	1982	1981
Virginia	168.0	154.0	125.0	130.0	152.0	162.0	160.0
Counties							
Accomack	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Albemarle	1.3	1.2	0.9	1.0	1.0	1.1	1.0
Amelia	0.6	0.5	0.4	0.4	0.6	0.7	0.8
Amherst	0.5	0.4	0.3	0.3	0.3	0.3	0.2
Appomattox	0.4	(C)	(C)	(C)	(C)	(C)	(C)
Alleghany	0.2	0.3	0.3	0.3	0.4	0.5	0.6
Augusta	19.6	19.0	20.0	20.4	22.3	23.0	22.6
Bath	1.9	1.8	2.0	2.0	2.6	2.8	2.8
Bedford	1.0	0.9	0.8	0.7	0.5	0.5	0.6
Bland	2.9	3.0	2.8	2.8	3.5	3.6	3.6
Botetourt	0.2	0.2	0.2	0.3	0.4	0.5	0.5
Brunswick	(C)	(C)	(C)	(C)	0.2	0.2	0.2

CONTINUED ➡



TABLE 1.19
Number of Sheep and Lambs on Farms for Virginia's
Counties and Cities: 1981–1987, *CONTINUED*

Locality	1987	1986	1985	1984	1983	1982	1981
Buchanan	(C)	(C)	(C)	(C)	(C)	(C)	0.2
Buckingham	0.5	0.4	0.3	0.3	0.2	0.2	0.2
Campbell	0.2	(C)	(C)	(C)	0.2	0.2	0.2
Caroline	(C)	(C)	(C)	(C)	(C)	(C)	0.2
Carroll	0.2	0.2	0.3	0.4	0.4	0.4	0.5
Charles City	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Charlotte	(C)	(C)	(C)	(C)	(C)	0.2	0.2
Chesterfield	(C)	(C)	(C)	(C)	0.2	0.2	0.2
Clarke	1.9	2.0	1.8	2.1	2.9	3.2	3.1
Craig	1.2	1.2	1.5	1.5	1.5	1.7	1.8
Culpeper	1.1	1.0	0.8	1.0	1.0	1.1	0.8
Cumberland	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Dickenson	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Dinwiddie	(C)	(C)	(C)	(C)	0.2	0.2	0.2
Essex	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Fairfax	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Fauquier	1.7	1.6	1.9	2.3	2.4	2.4	2.3
Floyd	0.5	(C)	(C)	(C)	0.6	0.6	0.8
Fluvanna	0.2	(C)	(C)	(C)	(C)	(C)	(C)
Franklin	(C)	0.2	0.2	0.3	0.3	0.3	0.2
Frederick	1.3	1.0	0.9	1.2	1.3	1.3	1.2
Giles	1.7	1.3	1.3	1.0	1.6	1.9	1.9
Gloucester	(C)	(C)	(C)	(C)	0.2	0.2	0.2
Goochland	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Grayson	1.0	0.8	0.6	0.6	1.4	1.6	1.6
Greene	0.9	0.6	0.6	0.7	0.6	0.6	0.6
Greensville	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Halifax	(C)	(C)	0.2	0.3	0.2	0.2	0.2
Hanover	0.2	(C)	(C)	(C)	(C)	(C)	(C)
Henrico	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Henry	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Highland	13.0	13.0	12.8	14.4	16.8	19.1	18.0
Isle of Wight	0.4	0.4	(C)	0.2	0.2	0.2	0.2
James City	(C)	(C)	(C)	(C)	(C)	(C)	(C)
King and Queen	(C)	(C)	(C)	(C)	(C)	(C)	(C)
King George	(C)	(C)	(C)	(C)	(C)	(C)	(C)
King William	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Lancaster	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Lee	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Loudoun	1.4	1.1	1.3	1.4	1.7	1.9	1.9
Louisa	0.4	0.3	0.3	0.3	0.5	0.7	0.7
Lunenburg	0.3	0.3	0.3	0.4	0.4	0.4	0.3
Madison	0.4	0.4	0.4	0.4	0.5	0.6	0.7
Mathews	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Mecklenburg	1.0	1.0	0.8	1.0	1.0	1.0	0.8
Middlesex	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Montgomery	4.0	3.7	3.7	3.9	4.6	5.0	5.1
Nelson	3.2	2.8	2.6	0.8	0.7	0.6	0.6
New Kent	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Northampton	(C)	(C)	(C)	(C)	(C)	(C)	0.2
Northumberland	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Nottoway	1.1	1.0	1.0	1.1	1.2	1.2	1.1
Orange	1.8	1.8	1.8	2.0	1.7	1.5	1.4
Page	1.7	2.0	1.6	1.6	1.7	1.9	1.9
Patrick	0.2	0.2	0.2	0.3	0.2	0.2	0.3
Pittsylvania	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Powhatan	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Prince Edward	0.4	(C)	(C)	(C)	(C)	(C)	(C)

CONTINUED ➡

TABLE 1.19
Number of Sheep and Lambs on Farms for Virginia's
Counties and Cities: 1981-1987, *CONTINUED*

Locality	1987	1986	1985	1984	1983	1982	1981
Prince George	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Prince William	0.5	0.5	0.2	0.3	0.3	0.3	0.2
Pulaski	5.2	4.7	3.1	3.1	4.2	4.3	4.2
Rappahannock	0.4	0.4	0.4	0.4	0.5	0.6	0.7
Richmond	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Roanoke	0.2	0.3	0.3	0.3	0.3	0.3	0.2
Rockbridge	(C)	4.3	4.5	4.6	5.5	5.9	5.7
Rockingham	52.0	43.0	14.7	15.4	20.0	22.0	21.0
Russell	3.7	3.5	3.8	4.5	6.0	6.8	7.5
Scott	0.3	0.2	0.2	0.2	0.3	0.4	0.4
Shenandoah	9.2	10.0	11.4	11.0	10.7	10.5	10.5
Smyth	2.1	2.0	2.0	2.4	3.1	3.4	3.6
Southampton	1.2	1.1	1.1	1.1	1.1	1.0	0.3
Spotsylvania	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Stafford	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Surry	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Sussex	(C)	(C)	(C)	(C)	(C)	(C)	0.2
Tazewell	5.7	5.8	6.0	6.0	7.8	8.3	9.2
Warren	0.7	0.8	0.8	1.1	1.3	1.4	1.4
Washington	2.9	2.8	3.0	3.2	3.4	3.4	3.5
Westmoreland	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Wise	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Wythe	5.5	6.0	5.7	5.7	5.7	5.8	5.8
York	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Cities							
Chesapeake	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Hampton	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Newport News	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Suffolk	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Virginia Beach	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Other Counties	3.6	3.1	3.0	2.8	3.6	3.4	2.7
MSAs							
Bristol (Va. portion)	3.2	3.0	3.2	3.4	3.7	3.8	3.9
Charlottesville	2.4	1.8	1.5	1.7	1.6	1.7	1.6
Danville	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Lynchburg	0.7	0.4	0.3	0.3	0.5	0.5	0.4
Norfolk	(C)	(C)	(C)	(C)	0.2	0.2	0.2
Northern Virginia	2.1	1.9	1.8	2.0	2.4	2.7	2.7
Richmond	3.6	3.7	3.8	3.9	0.4	0.4	0.4
Roanoke	0.4	0.5	0.5	0.6	0.7	0.8	0.7
Planning Districts							
LENOWISCO	0.3	0.2	0.2	0.2	0.3	0.4	0.4
Cumberland Plateau	9.4	9.3	9.8	10.5	13.8	15.1	16.9
Mount Rogers	14.6	14.8	14.4	15.1	17.5	18.2	18.6
New River Valley	11.4	9.7	8.1	8.0	11.0	11.8	12.0
Fifth	1.6	1.7	2.0	2.1	2.2	2.5	2.5
Central Shenandoah	86.5	81.1	54.0	56.8	67.2	72.8	70.1
Lord Fairfax	14.8	15.8	16.5	17.0	17.9	18.3	18.1
Northern Virginia	2.1	1.9	1.8	2.0	2.4	2.7	2.7
Rappahannock-Rapidan	5.4	5.2	5.3	6.1	6.1	6.2	5.9
Thomas Jefferson	6.0	4.9	4.4	2.8	2.8	3.0	2.9
Central Virginia	2.1	1.3	1.1	1.0	1.0	1.0	1.0
West Piedmont	0.2	0.4	0.4	0.6	0.5	0.5	0.5
Southside	1.0	1.0	1.0	1.3	1.4	1.4	1.2
Piedmont	2.5	2.2	2.0	2.2	2.4	2.7	2.6
Richmond Regional	0.2	(C)	(C)	(C)	0.2	0.2	0.2

CONTINUED ➡



TABLE 1.19
Number of Sheep and Lambs on Farms for Virginia's
Counties and Cities: 1981–1987, *CONTINUED*

Locality	1987	1986	1985	1984	1983	1982	1981
RADCO	(C)	(C)	(C)	(C)	(C)	(C)	0.2
Northern Neck	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Middle Peninsula	(C)	(C)	(C)	(C)	0.2	0.2	0.2
Crater	3.4	3.7	3.8	3.9	0.2	0.2	0.4
Southeastern Virginia	1.6	1.5	1.1	1.3	1.3	1.2	0.5
Peninsula	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Accomack–Northampton	(C)	(C)	(C)	(C)	(C)	(C)	0.2

SOURCE: Commonwealth of Virginia, Department of Agriculture and Consumer Services. *Virginia Agricultural Statistics*. Richmond, Virginia, annual.

NOTES: In thousands.

1987 data are preliminary.

C—Localities with less than 200 head included in Other Counties to prevent disclosure of individual operations.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 1.20
Poultry Production for the U.S., Virginia, and Surrounding States: 1984–1987

	Chickens Sold		Broilers Produced		Chicks Hatched Commercially		Turkeys Raised	
	1987	1986	1987	1986	1985	1984	1987	1986
United States	218	217	5,003	4,646	5,211.1	5,052.5	240	207
Virginia	2.7	2.6	154.0	154.2	(C)	(C)	16.2	14.3
Delaware	0.8	0.8	209.8	196.8	165.6	153.0	(Z)	(Z)
District of Columbia	...	...	...	...	...	...	...	...
Florida	4.6	5.2	117.0	111.9	154.5	152.1	(Z)	(Z)
Georgia	16.1	16.5	733.4	697.4	736.3	705.6	2.4	2.4
Kentucky	1.3	1.3	2.9	3.0	(C)	(C)	(Z)	(Z)
Maryland	2.7	2.6	204.2	263.9	351.8	342.3	(C)	(C)
North Carolina	11.8	11.8	477.7	450.5	501.7	489.0	48.4	39.1
South Carolina	4.3	4.5	68.1	63.8	61.9	61.7	4.0	3.9
Tennessee	1.7	1.9	92.5	(C)	(C)	(C)	(Z)	(Z)
West Virginia	0.4	0.4	32.8	29.0	(C)	(C)	2.4	2.2

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In millions.

C—Withheld to prevent disclosure of confidential data.

Z—Less than 50,000.

TABLE 1.21

Poultry Inventory for Virginia's Counties and Cities: 1978 and 1982

Locality	Number of Chickens		Number of Broilers		Number of Turkeys	
	1982	1978	1982	1978	1982	1978
Virginia	4,510,736	4,751,709	20,604,750	17,713,025	3,695,524	2,293,605
Counties						
Accomack	32,873	35,455	1,650,700	2,187,478	(C)	(C)
Albemarle	(C)	18,945	85	241	24	5
Alleghany	389	1,457	(C)	55	29	42
Amelia	(C)	19,816	1,319,653	1,423,159	(C)	(C)
Amherst	1,736	2,228	17	111	(C)	15
Appomattox	(C)	1,194	119	16,016	(C)	(C)
Arlington	(C)	(C)	(C)	(C)	(C)	(C)
Augusta	270,704	334,670	277,418	121,923	506,188	216,678
Bath	593	898	(C)	38	(C)	17,022
Bedford	(C)	28,809	158	511	62	107
Bland	2,629	3,749	52	174	157	105
Botetourt	(C)	24,173	112	53	29	73
Brunswick	1,311	3,932	(C)	112	28	61
Buchanan	610	1,340	19	(C)	(C)	(C)
Buckingham	(C)	(C)	663,267	758,768	24	10
Campbell	(C)	199,739	7	127	14	(C)
Caroline	3,893	(C)	205	73	(C)	17
Carroll	7,634	17,534	151	117	29	49
Charles City	777	693	33	(C)	(C)	(C)
Charlotte	1,875	2,226	230	15	14	157
Chesterfield	13,364	(C)	224,450	94,150	(C)	(C)
Clarke	1,035	1,080	366	(C)	(C)	13
Craig	840	901	(C)	(C)	18	28
Culpeper	2,199	1,616	382	23	47	8,820
Cumberland	183,718	(C)	1,763,331	600,061	(C)	(C)
Dickenson	922	4,186	39	(C)	55	(C)
Dinwiddie	1,622	3,164	(C)	28	(C)	7
Essex	981	1,443	(C)	(C)	(C)	(C)
Fairfax	1,966	1,938	51	61	40	(C)
Fauquier	3,995	6,092	73	143	101	80
Floyd	2,276	1,989	44	105	13	10
Fluvanna	1,734	(C)	(C)	75,213	(C)	140
Franklin	35,547	29,423	212	610	158	89
Frederick	106,640	105,588	181	435	53	41
Giles	838	1,247	26	80	34	71
Gloucester	2,661	2,204	(C)	(C)	(C)	(C)
Goochland	1,799	2,109	217,150	157,017	(C)	17
Grayson	1,792	2,289	101	179	142	80
Greene	841	(C)	81,425	92,053	(C)	(C)
Greensville	2,945	3,763	(C)	(C)	(C)	(C)
Halifax	25,219	17,993	175	228	57	108
Hanover	8,993	7,129	154,805	153,004	43	14
Henrico	271	(C)	(C)	66,325	(C)	(C)
Henry	1,060	(C)	17	(C)	23	(C)
Highland	688	1,391	(C)	(C)	46,015	43,012
Isle of Wight	14,443	11,679	405,750	204,021	7	(C)
James City	1,159	(C)	(C)	(C)	(C)	(C)
King and Queen	5,884	5,720	(C)	148	9	(C)
King George	1,183	2,165	(C)	(C)	(C)	(C)
King William	3,260	1,782	(C)	(C)	(C)	(C)
Lancaster	(C)	(C)	(C)	(C)	(C)	(C)
Lee	4,445	5,376	532	171	84	132
Loudoun	6,947	28,489	417	334	322	69

CONTINUED ➡



TABLE 1.21
Poultry Inventory for Virginia's Counties
and Cities: 1978 and 1982, *CONTINUED*

Locality	Number of Chickens		Number of Broilers		Number of Turkeys	
	1982	1978	1982	1978	1982	1978
Louisa	2,802	(C)	(C)	87,931	54	9
Lunenburg	(C)	2,127	53	51	(C)	31
Madison	(C)	17,554	(C)	33	14	21
Mathews	(C)	59,211	(C)	(C)	(C)	(C)
Mecklenburg	100,678	34,640	204	189	40	56
Middlesex	299	653	(C)	(C)	(C)	(C)
Montgomery	2,755	6,360	(C)	108	173	1,617
Nelson	1,388	(C)	42	50	11	13
New Kent	716	1,410	(C)	(C)	(C)	(C)
Northampton	115	239	(C)	(C)	(C)	(C)
Northumberland	5,445	6,887	(C)	(C)	(C)	(C)
Nottoway	61,157	181,655	780,410	751,154	(C)	(C)
Orange	3,800	3,335	(C)	302	(C)	63,114
Page	68,769	74,647	2,703,477	2,082,077	(C)	46,539
Patrick	5,010	11,824	36	94	17	15
Pittsylvania	17,744	58,816	255	502	110	102
Powhatan	(C)	(C)	(C)	61,220	6	39
Prince Edward	52,398	3,445	163,461	(C)	(C)	8
Prince George	409	2,177	(C)	(C)	8	(C)
Prince William	2,557	2,446	35	27	129	36
Pulaski	5,696	(C)	(C)	45	16	46
Rappahannock	1,624	1,667	71	7	22	51
Richmond	(C)	25,436	(C)	(C)	(C)	(C)
Roanoke	679,302	631,395	(C)	(C)	20	(C)
Rockbridge	1,929	4,632	112	172	(C)	82
Rockingham	1,159,812	968,335	8,211,290	6,452,082	2,374,241	1,461,128
Russell	21,149	85,974	(C)	234	150	154
Scott	4,619	5,724	303	588	237	118
Shenandoah	350,989	237,679	1,087,153	1,709,604	677,042	421,327
Smyth	2,649	2,922	177	131	171	151
Southampton	9,685	7,716	322,523	160,062	(C)	34
Spotsylvania	1,777	6,073	(C)	(C)	50	(C)
Stafford	9,491	2,000	(C)	234	18	11
Surry	905	2,100	(C)	(C)	(C)	(C)
Sussex	652	669	(C)	80,137	(C)	(C)
Tazewell	12,254	15,118	104	208	91	37
Warren	879	1,220	(C)	36,080	(C)	(C)
Washington	(C)	(C)	105	193	74	177
Westmoreland	722	568	(C)	(C)	5	(C)
Wise	418	528	(C)	(C)	25	(C)
Wythe	2,507	11,386	266	67	138	233
York	1,841	(C)	(C)	(C)	(C)	(C)
Cities						
Alexandria	(C)	(C)	(C)	(C)	(C)	(C)
Bedford	(C)	(C)	(C)	(C)	(C)	(C)
Bristol	(C)	(C)	(C)	(C)	(C)	(C)
Buena Vista	(C)	(C)	(C)	(C)	(C)	(C)
Charlottesville	(C)	(C)	(C)	(C)	(C)	(C)
Chesapeake	2,846	6,385	(C)	183	(C)	10
Clifton Forge	(C)	(C)	(C)	(C)	(C)	(C)
Colonial Heights	(C)	(C)	(C)	(C)	(C)	(C)
Covington	(C)	(C)	(C)	(C)	(C)	(C)
Danville	(C)	(C)	(C)	(C)	(C)	(C)

CONTINUED —

TABLE 1.21
Poultry Inventory for Virginia's Counties
and Cities: 1978 and 1982, *CONTINUED*

Locality	Number of Chickens		Number of Broilers		Number of Turkeys	
	1982	1978	1982	1978	1982	1978
Emporia	(C)	(C)	(C)	(C)	(C)	(C)
Fairfax	(C)	(C)	(C)	(C)	(C)	(C)
Falls Church	(C)	(C)	(C)	(C)	(C)	(C)
Franklin	(C)	(C)	(C)	(C)	(C)	(C)
Fredericksburg	(C)	(C)	(C)	(C)	(C)	(C)
Galax	(C)	(C)	(C)	(C)	(C)	(C)
Hampton	(C)	(C)	(C)	(C)	(C)	(C)
Harrisonburg	(C)	(C)	(C)	(C)	(C)	(C)
Hopewell	(C)	(C)	(C)	(C)	(C)	(C)
Lexington	(C)	(C)	(C)	(C)	(C)	(C)
Lynchburg	(C)	(C)	(C)	(C)	(C)	(C)
Manassas	(C)	(C)	(C)	(C)	(C)	(C)
Manassas Park	(C)	(C)	(C)	(C)	(C)	(C)
Martinsville	(C)	(C)	(C)	(C)	(C)	(C)
Newport News	(C)	(C)	(C)	(C)	(C)	(C)
Norfolk	(C)	(C)	(C)	(C)	(C)	(C)
Norton	(C)	(C)	(C)	(C)	(C)	(C)
Petersburg	(C)	(C)	(C)	(C)	(C)	(C)
Poquoson	(C)	(C)	(C)	(C)	(C)	(C)
Portsmouth	(C)	(C)	(C)	(C)	(C)	(C)
Radford	(C)	(C)	(C)	(C)	(C)	(C)
Richmond	(C)	(C)	(C)	(C)	(C)	(C)
Roanoke	(C)	(C)	(C)	(C)	(C)	(C)
Salem	(C)	(C)	(C)	(C)	(C)	(C)
South Boston	(C)	(C)	(C)	(C)	(C)	(C)
Staunton	(C)	(C)	(C)	(C)	(C)	(C)
Suffolk	(C)	72,947	266,176	264,826	306,252	(C)
Virginia Beach	(C)	1,185	9,048	22	283	(C)
Waynesboro	(C)	(C)	(C)	(C)	(C)	(C)
Williamsburg	(C)	(C)	(C)	(C)	(C)	(C)
Winchester	(C)	(C)	(C)	(C)	(C)	(C)
MSAs						
Bristol (Va. portion)	4,619	5,724	408	781	311	295
Charlottesville	2,575	18,945	81,510	167,507	24	145
Danville	17,744	58,816	255	502	110	102
Lynchburg	1,736	201,967	24	238	14	15
Norfolk	9,397	82,721	275,224	265,031	306,535	10
Northern Virginia	20,961	34,873	503	656	509	116
Richmond	28,201	16,682	596,438	531,744	57	77
Roanoke	679,559	655,568	112	53	49	73
Planning Districts						
LENOWISCO	9,604	11,628	835	759	346	250
Cumberland Plateau	34,935	106,618	162	442	296	191
Mount Rogers	17,211	37,880	852	861	711	795
New River Valley	11,691	9,596	70	338	236	1,744
Fifth	680,788	657,926	112	108	96	143
Central Shenandoah	1,433,991	1,309,926	8,488,820	6,574,215	2,926,444	1,737,922
Lord Fairfax	528,448	420,214	3,791,177	3,828,196	677,095	467,920
Northern Virginia	11,470	32,873	503	422	491	105
Rappahannock-Rapidan	11,618	30,264	526	508	184	72,086
Thomas Jefferson	6,765	18,945	81,552	255,488	89	167

CONTINUED ➡



TABLE 1.21
Poultry Inventory for Virginia's Counties
and Cities: 1978 and 1982, *CONTINUED*

Locality	Number of Chickens		Number of Broilers		Number of Turkeys	
	1982	1978	1982	1978	1982	1978
Central Virginia	1,736	231,970	301	16,785	76	122
West Piedmont	59,361	100,063	520	1,206	308	206
Southside	127,338	56,565	379	529	125	225
Piedmont	299,148	209,269	4,690,405	3,533,208	38	206
Richmond Regional	26,047	11,341	596,438	531,716	49	70
RADCO	16,344	10,238	205	307	68	28
Northern Neck	6,167	32,891	...	...	5	...
Middle Peninsula	13,085	71,013	...	148	9	...
Crater	6,656	11,873	...	80,165	8	7
Southeastern Virginia	27,485	99,912	1,003,497	629,114	306,542	44
Peninsula	3,379	...	...	...	...	...
Accomack-Norhampton	32,988	35,694	1,650,700	2,187,478	...	...

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Agriculture, *Geographic Area Series, Virginia State and County Data*. U.S. Government Printing Office, Washington, D.C., 1984.

NOTES: "Number of Chickens" includes chickens three months old or older.

"Number of Broilers" includes other meat-type chickens.

C—Withheld to prevent disclosure of data for individual farms.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 1.22
Number and Value of Chickens, Virginia: 1977–1986

Year	Total Chickens on Hand	Total Value	Number Sold	Pounds Sold	Cash Income
1986	4,971	\$14,664	2,618	18,326	\$2,786
1985	4,822	14,466	2,026	16,411	2,626
1984	5,047	17,160	2,900	17,400	3,480
1983	4,781	13,626	3,150	18,900	2,835
1982	5,576	10,873	2,864	17,184	1,804
1981	5,600	13,160	3,022	18,132	2,267
1980	5,792	15,349	3,100	18,600	2,232
1979	5,882	12,646	2,959	17,754	2,787
1978	5,541	10,528	2,781	16,686	2,353
1977	5,522	10,768	2,825	16,950	2,220

SOURCE: Commonwealth of Virginia, Department of Agriculture and Consumer Services, *Virginia Agricultural Statistics*. Richmond, Virginia, annual.

NOTES: "Total Chickens on Hand", "Number Sold" and "Pounds Sold" in thousands.

"Total Value" and "Cash Income" in thousands of dollars.

TABLE 1.23
Production and Value of Commercial Broilers, Virginia: 1977-1986

Year	Number Produced	Pounds Per Bird	Pounds Produced	Price Per Pound	Gross Income
1986	154,156	4.5	693,702	35.0c	\$242,796
1985	154,096	4.4	678,022	30.5	206,797
1984	147,829	4.3	635,665	33.5	212,948
1983	144,041	4.3	619,376	27.5	170,328
1982	140,072	4.2	588,302	25.5	150,017
1981	133,839	4.2	562,124	28.0	157,395
1980	126,358	4.2	530,704	26.0	137,983
1979	111,564	4.3	479,725	24.5	117,533
1978	91,562	4.3	393,717	24.9	98,036
1977	98,024	3.8	372,491	22.8	84,928

SOURCE: Commonwealth of Virginia, Department of Agriculture and Consumer Services. *Virginia Agricultural Statistics*. Richmond, Virginia, annual.

NOTES: "Number" and "Pounds Produced" in thousands.
 "Price Per Pound" in cents.
 "Gross Income" in thousands of dollars.

TABLE 1.24
Turkey Production and Income, Virginia: 1977-1986

Year	Number Raised	Pounds Sold	Price Per Pound	Gross Income
1986	14,307	250,373	49.0c	\$122,683
1985	13,066	243,028	51.0	123,944
1984	10,975	198,628	51.0	101,300
1983	11,388	206,123	40.0	82,449
1982	10,081	183,474	39.0	71,555
1981	10,015	175,263	38.0	66,600
1980	10,079	169,327	40.0	67,731
1979	9,174	160,545	40.0	64,218
1978	8,546	143,573	41.6	59,726
1977	8,694	140,843	35.7	50,281

SOURCE: Commonwealth of Virginia, Department of Agriculture and Consumer Services. *Virginia Agricultural Statistics*. Richmond, Virginia, annual.

NOTES: "Number Raised" in thousands.
 "Price Per Pound" in cents.
 "Gross Income" in thousands of dollars.



TABLE 1.25
Egg Production and Income, Virginia: 1977-1986

Year	Average Number of Layers During Year	Eggs Per Layer	Eggs Produced	Price Per Dozen	Gross Income
1986	3,790	241	914	67.9c	\$51,717
1985	3,453	246	850	66.8	47,317
1984	3,428	246	843	80.7	56,692
1983	3,474	242	839	68.1	47,613
1982	3,929	236	929	69.3	53,650
1981	3,980	238	947	80.1	63,213
1980	3,920	233	913	71.3	54,248
1979	4,057	231	939	66.3	51,880
1978	3,748	236	885	64.3	47,421
1977	3,499	234	819	65.3	44,567

SOURCE: Commonwealth of Virginia, Department of Agriculture and Consumer Services, *Virginia Agricultural Statistics*, Richmond, Virginia, annual.

NOTES: "Average Number of Layers During Year" in thousands.
 "Eggs Produced" in millions.
 "Price Per Dozen" in cents.
 "Gross Income" in thousands of dollars.

TABLE 1.26
**Summary Statistics of the Farm Sector's Financial Status
for the U.S., Virginia, and Surrounding States: 1986**

	Including Operator Households			Excluding Operator Households			
	Gross Farm Income	Net Production Expenses	Returns Farm Income	Net to Operators	Net Cash Income	Debt/ Business Income	Asset Ratio
United States	\$159,539	\$122,052	\$37,487	\$33,303	\$51,993	\$36,144	24.9
Virginia	2,011	1,618	393	261	524	291	15.3
Delaware	554	388	166	158	189	161	23.5
District of Columbia	...	...	...	...	...	...	...
Florida	4,999	2,995	2,004	1,922	2,261	1,935	18.3
Georgia	3,633	2,538	1,095	1,008	1,349	1,095	29.2
Kentucky	2,935	2,247	688	476	1,100	590	21.7
Maryland	1,350	982	368	318	468	363	17.3
North Carolina	4,339	3,142	1,197	1,062	1,549	1,164	23.1
South Carolina	1,051	931	120	76	245	120	24.7
Tennessee	2,387	1,935	452	250	742	395	16.3
West Virginia	365	299	66	37	84	24	14.1

SOURCE: U.S. Department of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector, State Financial Summary, 1986*, U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In millions of dollars.
 "Gross Farm Income" includes the value of inventory adjustment.
 "Net Business Income" is defined as net cash income minus the sum of depreciation and accidental damage.

TABLE 1.27
Farm Income Indicators, Virginia: 1982-1986

Item	1986	1985	1984	1983	1982
Gross farm income ¹	\$2,011.0	\$2,083.7	\$2,313.8	\$1,851.0	\$1,952.9
Cash income	1,755.0	1,806.2	1,989.0	1,543.9	1,716.8
Farm marketings	1,613.0	1,684.1	1,847.4	1,447.2	1,643.7
Crops	486.1	622.6	671.1	555.2	655.1
Livestock and products	1,127.0	1,061.5	1,176.2	892.0	988.6
Government payments	42.6	23.9	46.0	29.4	7.5
Other farm income ²	99.4	98.2	95.8	67.3	65.7
Machine hire/customwork	5.0	7.7	5.6	4.7	6.8
Other farm-related income ²	94.4	90.5	90.0	62.6	58.8
Noncash income	296.8	285.4	302.4	314.9	300.8
Value of home consumption	17.9	17.4	21.1	23.8	16.0
Rental value of dwellings	278.9	268.0	281.3	291.1	284.8
Operators' dwellings	276.4	265.7	278.8	288.5	282.2
Hired laborers' dwellings	2.5	2.3	2.5	2.6	2.6
Value of inventory adjustment	-40.8	-8.0	22.4	-7.7	-64.8
Total production expenses ¹	1,618.4	1,757.9	1,876.6	1,831.6	1,817.6
Intermediate product expenses	879.8	970.8	1,011.8	996.7	947.7
Farm origin	377.3	404.1	418.5	428.3	368.3
Feed purchased	288.6	313.6	333.3	354.5	291.8
Livestock and poultry purchased	58.2	56.3	49.9	43.1	44.0
Seed purchased	30.5	34.2	35.2	30.6	32.4
Manufactured inputs	215.3	270.8	276.3	275.2	300.9
Fertilizer and lime	82.1	109.0	108.0	109.9	130.3
Pesticides	50.8	56.6	56.0	46.8	50.3
Fuel and oil	60.0	82.4	89.4	93.9	98.8
Electricity	22.4	22.7	22.9	22.7	21.6
Other	287.1	296.0	317.0	293.2	278.5
Repair and maintenance	126.5	124.1	121.5	123.7	122.8
Other miscellaneous ³	160.6	171.8	195.5	169.5	155.7
Interest	189.3	201.4	220.7	227.7	233.2
Real estate	111.0	120.1	132.7	133.5	132.4
Non-real estate	78.3	81.4	88.0	94.3	100.8
Contract and hired labor expenses	141.8	140.7	139.5	140.0	145.2
Cash labor expenses ⁴	132.4	129.3	127.7	128.8	133.8
Perquisites	9.4	11.3	11.8	11.1	11.4
Net rent to nonoperator landlords ⁵	33.1	52.8	84.3	33.9	55.6
Capital consumption	322.1	338.2	368.0	376.6	386.0
Property taxes	52.2	54.0	52.3	56.6	49.8
NET FARM INCOME	392.6	325.8	437.2	19.5	135.3
Cash income ⁶	1,755.0	1,806.2	1,989.0	1,543.9	1,716.8
Cash expenses ⁶	1,231.2	1,344.8	1,440.0	1,387.6	1,368.5
Intermediate product expenses	840.9	936.7	982.4	966.8	921.1
Interest	180.7	179.3	199.6	208.4	214.0
Cash labor expenses ⁴	132.4	129.3	127.7	128.8	133.8
Net rent to nonoperator landlords ⁵	33.1	52.8	84.3	33.9	55.6
Property taxes	44.2	46.7	46.0	49.6	44.1
NET CASH INCOME	523.8	461.4	548.9	156.2	348.3
Cash income	1,755.0	1,806.2	1,989.0	1,543.9	1,716.8
Cash expenses	1,231.2	1,344.8	1,440.0	1,387.6	1,368.5
Capital consumption	233.2	252.8	281.2	287.1	298.7
NET BUSINESS INCOME ⁷	290.6	208.6	267.8	-130.9	49.6
Gross receipts of farms ⁸	1,734.6	1,818.0	2,034.9	1,562.5	1,670.7
Nonfactor payments ⁶	1,118.2	1,236.2	1,309.5	1,303.6	1,263.9
Intermediate product expenses	840.9	936.7	982.4	966.8	921.1

CONTINUED ➡



TABLE 1.27
Farm Income Indicators, Virginia: 1982-1986, *CONTINUED*

Item	1986	1985	1984	1983	1982
Capital consumption	233.2	252.8	281.2	287.1	298.7
Property taxes	44.2	46.7	46.0	49.6	44.1
Factor payments ⁶	616.4	581.7	725.4	258.9	406.8
Interest	180.7	179.3	199.6	208.4	214.0
Contract and hired labor expenses	141.8	140.7	139.5	140.0	145.2
Net rent to nonoperator landlords ⁵	33.1	52.8	84.3	33.9	55.6
RETURN TO OPERATORS ⁹	260.8	209.0	302.0	-123.4	-8.0
Off-farm income ¹⁰	1,214.8	1,155.7	1,041.2	1,005.9	989.8
NUMBER					
Number of farms	50,000	54,000	56,000	58,000	60,000

SOURCE: U.S. Department of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector, State Financial Summary, 1986*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In millions of dollars.

¹Includes operator dwellings.

²Includes forest product sales, recreational income, and other farm business-related income. Estimates for 1982 and later include income from custom feeding services.

³Includes machine hire and customwork expenses; marketing, storage, and transportation expenses; and miscellaneous expenses. Definitions and data sources for 1978 and later are not directly compatible with those of earlier years.

⁴Includes contract labor expenses, hired labor wages, and Social Security payments.

⁵Uses different data sources for periods before 1979, 1979-1983, and 1984 and later. Estimates are not directly compatible among periods.

⁶Excludes operator dwellings.

⁷Cash income less cash expenses and capital consumption.

⁸Gross farm income less rental value of operators' dwellings.

⁹Gross receipts of farms less nonfactor payments, interest, contract and hired labor expenses, and net rent to nonoperator landlords.

¹⁰Includes off-farm income for members of farm operator dwellings only.

TABLE 1.28
Market Value of Agricultural Products Sold, Virginia: 1974-1982

	1982		1979		1974	
	Farms	Value	Farms	Value	Farms	Value
Total sales	51,859	\$1,606,915	49,936	\$1,261,255	52,699	\$959,687
All crops	28,826	629,303	30,287	503,579	34,385	435,652
All grains	13,006	229,742	13,141	160,485	NA	NA
Corn for grain	7,695	96,481	NA	NA	NA	NA
Wheat	5,791	32,152	NA	NA	NA	NA
Soybeans	7,031	92,783	NA	NA	NA	NA
Sorghum for grain	101	318	NA	NA	NA	NA
Oats	219	282	NA	NA	NA	NA
Other grains	1,464	7,726	NA	NA	NA	NA
Cotton and cottonseed	6	98	4	36	NA	NA
Tobacco	13,453	184,819	14,793	157,687	NA	NA
Hay, silage, and field seeds	5,943	17,342	6,367	17,640	NA	NA
Vegetables, sweet corn, and melons	1,503	27,409	1,502	24,808	NA	NA
Fruits, nuts, and berries	1,055	42,391	1,201	38,408	NA	NA
Nursery and greenhouse products	750	43,858	651	30,977	481	17,852
Other crops	2,229	83,644	2,266	73,538	NA	NA

CONTINUED

TABLE 1.28
Market Value of Agricultural Products Sold,
Virginia: 1974–1982, *CONTINUED*

	1982		1978		1974	
	Farms	Value	Farms	Value	Farms	Value
Livestock and poultry	35,584	977,612	34,645	757,676	37,011	514,246
Poultry and poultry products	2,546	293,291	2,600	211,730	3,241	146,023
Dairy products	2,651	278,293	3,048	195,292	NA	NA
Cattle and calves	31,287	277,255	29,692	235,465	NA	NA
Hogs and pigs	2,227	6,814	2,146	6,518	NA	NA
Sheep, lambs, and wool	5,282	82,309	7,768	77,590	NA	NA
Other livestock and livestock products	2,377	39,650	2,217	31,080	NA	NA

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Agriculture. *Geographic Area Series. Virginia State and County Data.* U.S. Government Printing Office, Washington, D.C., 1984.

NOTES: "Value" in thousands of dollars.
 NA—Not available.

TABLE 1.29
Cash Receipts by Commodities and Commodity Groups, Virginia: 1982–1986

	1986	1985	1984	1983	1982
ALL COMMODITIES	\$1,613,012	\$1,684,099	\$1,847,377	\$1,447,211	\$1,643,670
Livestock products	1,126,959	1,061,510	1,176,228	892,026	988,591
Meat animals	371,930	334,588	464,775	291,533	425,184
Cattle/calves	297,191	263,041	379,569	186,504	306,102
Hogs	83,416	67,292	81,296	100,991	114,249
Sheep/lambs	7,838	4,255	3,910	4,038	4,833
Dairy products	268,450	278,050	269,660	284,950	282,865
Poultry and eggs	427,106	388,862	383,647	312,844	278,223
Broilers	242,796	206,797	212,948	170,328	150,017
Turkeys	122,682	123,944	101,300	82,449	71,555
Eggs	51,717	47,317	56,019	46,932	52,957
Other poultry	7,125	8,178	9,900	10,300	1,890
Chickens, farm	2,786	2,626	3,480	2,835	1,804
Miscellaneous livestock	59,473	60,010	58,146	2,699	2,319
Wool	662	455	575	399	NA
All other livestock	58,138	59,555	57,571	2,300	1,890
Crops	486,053	622,589	671,149	555,185	655,079
Food grains	18,151	31,649	39,130	45,830	42,468
Wheat	17,601	31,241	38,644	45,334	41,840
Feed crops	40,222	101,004	81,649	50,686	83,591
Corn	26,688	84,363	66,285	34,206	67,385
Hay	9,722	10,353	11,717	11,848	11,167
Barley	3,776	5,938	3,139	4,111	4,627
Rye	728	1,030	851	624	NA
Oats	759	987	959	1,595	NA
Tobacco	118,744	160,998	195,388	169,641	216,570
Cotton	375	317	333	105	NA

CONTINUED ➡



TABLE 1.29
Cash Receipts by Commodities and Commodity
Groups, Virginia: 1982–1986, *CONTINUED*

	1986	1985	1984	1983	1982
Oil crops	141,386	163,194	172,282	141,739	169,936
Soybeans	75,170	105,891	101,631	89,398	104,944
Peanuts	66,216	57,303	70,651	52,341	64,992
Vegetables	52,844	49,262	52,782	37,245	43,807
Tomatoes	16,286	13,631	17,793	8,237	10,962
Potatoes	8,448	16,548	17,616	9,986	13,626
Corn, sweet	3,034	3,780	4,624	2,098	2,277
Sweet potatoes	702	780	1,617	1,144	2,790
Miscellaneous vegetables	16,146	13,877	10,390	15,640	13,147
Fruits and nuts	66,802	41,628	56,138	49,404	52,811
Apples	58,383	38,475	49,633	43,631	48,949
Peaches	5,518	376	4,611	4,248	3,538
Other berries	1,540	1,411	1,075	950	NA
Miscellaneous fruits and nuts	1,361	1,366	819	575	324
All other crops	50,626	51,258	44,967	44,565	44,480
Greenhouse/nursery	49,762	50,543	44,429	44,000	43,858
Other ornamentals	40,000	40,000	40,000	44,000	NA
Other field crops	41	28	30	280	250

SOURCES: U.S. Department of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector, State Financial Summary, 1986*. U.S. Government Printing Office, Washington, D.C., annual; U.S. Department of Agriculture, *Agricultural Statistics 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In thousands of dollars.
 NA—Data not available.

TABLE 1.30
Selected Farm Production Expenses, Virginia: 1974–1982

	1982		1978		1974	
	Farms	Expenses	Farms	Expenses	Farms	Expenses
Livestock and poultry purchased	16,511	\$161,849	17,531	\$131,379	20,140	\$92,487
Feed for livestock and poultry	30,390	295,721	31,250	238,693	34,175	181,081
Commercially mixed formula feeds	10,394	235,205	11,239	184,262	25,177	146,876
Seeds, bulbs, plants, and trees	27,796	32,411	26,663	30,019	27,588	19,672
Commercial fertilizer	36,819	116,005	40,082	93,963	42,042	80,091
Other chemicals	21,381	50,270	29,270	35,570	20,596	22,243
Hired farm labor	22,736	126,893	24,397	103,504	21,286	69,582
Contract labor	2,394	10,340	2,864	9,548	1,988	6,654
Customwork, machine hire, and rental of machinery	14,817	16,023	18,724	15,303	20,489	12,316
Energy and petroleum products	51,447	121,473	49,534	75,198	NA	NA
Interest expense	16,905	105,832	NA	NA	NA	NA

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Agriculture, *Geographic Area Series, Virginia State and County Data*. U.S. Government Printing Office, Washington, D.C., 1984.

NOTES: "Expenses" in thousands of dollars.
 NA—Not available.

TABLE 1.31
Government Farm Payments by Program for the
U.S., Virginia, and Surrounding States: 1986

	Total	Conser- vation	Feed Grain Program	Wheat Program	Rice Program	Cotton Program	Wool Act Program	Miscel- laneous Programs
United States	\$11,813,351	\$139,989	\$5,158,038	\$3,499,721	\$422,769	\$1,042,392	\$111,922	\$1,438,520
Virginia	42,569	2,329	23,767	7,046	...	95	879	8,453
Delaware	6,971	180	5,916	4	...	3	404	...
District of Columbia	...	...	...	...	...	...	...	...
Florida	26,120	2,551	3,875	1,744	395	2,802	19	14,734
Georgia	116,107	3,776	30,625	33,003	...	26,981	28	21,694
Kentucky	89,104	3,580	57,099	11,937	...	...	140	16,348
Maryland	32,201	839	21,371	1,842	...	...	121	8,028
North Carolina	90,279	3,338	50,357	9,996	...	10,076	57	16,455
South Carolina	54,445	2,435	17,347	13,738	...	14,132	2	6,791
Tennessee	98,431	3,450	23,279	16,188	40	34,112	52	21,310
West Virginia	8,368	3,612	2,580	97	...	...	531	1,548

SOURCE: U.S. Department of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector, State Financial Summary, 1986*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In thousands of dollars. Includes both cash payments and payment-in-kind (PIK).
 "Conservation" includes amount paid under agriculture and conservation programs - Agriculture Conservation, Emergency Conservation, and Great Plains Program.
 "Miscellaneous" includes the following programs: Rural Clean Water Program, Clean Lakes Program, Conservation Reserve Program, Animal Waste Management Program, Forest Incentive Program, Water Bank Program, Dairy Indemnity Program, Dairy Termination Program, Emergency Feed Program, Extended Warehouse Storage Program, PIK Storage Program, and Milk Diversion Program.

TABLE 1.32
Net Commodity Credit Corporation Loans for the U.S.,
Virginia, and Surrounding States: 1982-1986

	1986	1985	1984	1983	1982
United States	\$8,309,671	\$11,814,408	-\$815,811	-\$748,519	\$9,080,576
Virginia	764	30,629	1,529	-8,436	7,886
Delaware	1,947	4,628	1,304	-1,433	474
District of Columbia	...	...	...	...	...
Florida	2,042	2,822	-365	-2,497	3,704
Georgia	-2,778	72,051	-4,067	-37,593	55,094
Kentucky	54,298	103,868	1,035	-26,417	21,992
Maryland	-3,915	32,123	2,223	-3,922	-4,476
North Carolina	47,604	77,776	-788	-21,733	36,583
South Carolina	-2,572	35,246	602	-21,408	26,728
Tennessee	69,165	110,271	-5,334	-40,381	58,731
West Virginia	129	2,590	-640	-856	837

SOURCE: U.S. Department of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector, State Financial Summary, 1986*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In thousands of dollars.



TABLE 1.33
Real Estate Farm Debt Outstanding, Virginia: 1980–1986

Year	Total	Federal Land Banks	Farmers Home Administration	Life Insurance Companies	All Operating Banks	Individuals & Others
1986	\$1,235	\$674	\$121	\$32	\$186	\$221
1985	1,239	675	124	37	153	250
1984	1,302	720	122	43	142	275
1983	1,306	702	119	46	142	297
1982	1,257	677	117	36	132	294
1981	1,227	628	117	37	151	292
1980	1,144	550	110	40	168	278

SOURCE: U.S. Department of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector, State Financial Summary, 1986*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In millions of dollars. As of December 31 of each year. Includes operator households.
Net loan value is equal to the value of loans made minus the value of loans repaid.

TABLE 1.34
Non-Real Estate Farm Debt Outstanding, Virginia: 1980–1986

Year	Total	All Operating Banks	Pro- duction Credit Association	Federal Intermediate Credit Banks	Farmers Home Admin- istration	Individuals	CCC Crop Loans
1986	\$822	\$201	\$230	\$0	\$223	\$168	\$25
1985	895	224	187	0	239	203	42
1984	950	228	201	25	243	236	16
1983	954	228	200	25	239	244	18
1982	960	203	190	35	249	252	31
1981	952	186	183	34	267	256	25
1980	874	195	164	31	231	236	17

SOURCE: U.S. Department of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector, State Financial Summary, 1986*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In millions of dollars. Includes operator households.
"Production Credit Association" excludes loans for aquaculture.

TABLE 1.35
Federal Food and Nutrition Programs Cash Payments
for the U.S., Virginia, and Surrounding States: 1986

	Total	Child Nutrition Programs	Special Supple- mental Food (WIC)	Commodity Distribution	Food Stamp Program	TEFAP
United States	\$17,576	\$3,669	\$1,264	\$1,191	\$10,605	\$846
Virginia	311	67	25	25	181	10
Delaware	35	9	3	3	18	2
District of Columbia	63	12	4	5	37	4
Florida	647	162	42	46	362	35
Georgia	482	121	43	33	270	17
Kentucky	471	74	27	24	320	24
Maryland	260	47	14	17	170	11
North Carolina	428	115	37	34	226	16
South Carolina	309	74	28	20	179	9
Tennessee	440	82	28	30	278	23
West Virginia	224	37	11	9	156	10

SOURCE: U.S. Department of Agriculture. *Agricultural Statistics 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In millions of dollars.

"Child Nutrition Programs" includes the following child nutrition programs: Child Care Food, Summer Feeding, Special Milk, National School Lunch, and Breakfast. Figures include cash payments only.

"Commodity Distribution" includes distribution of entitlement and bonus commodities to Schools, Child Care, Summer Feeding, Charitable Institutions, Summer Camps, Indian Reservations, Elderly Feeding, Commodity and Elderly Pilot Projects; excludes \$145.5 million cash-in-lieu of commodities to School Lunch, Child Care, and Elderly Feeding Programs.

"TEFAP" includes the value of commodities provided under the Temporary Emergency Food Assistance Program.

TABLE 1.36
Agricultural Landholdings of Foreign Owners for the U.S.,
Virginia, and Surrounding States: December 31, 1988

	Total Land Area	Privately Owned Agricultural Land	Foreign- Owned Agricultural Land	Percent: Foreign- Owned to Privately Owned	Value of Foreign- Owned Land
United States	2,265,242	1,290,302	12,484,738	1.0%	\$9,480,142
Virginia	25,410	21,499	116,111	0.5	195,657
Delaware	1,237	1,064	5,364	0.5	11,780
District of Columbia	...	...	...	...	...
Florida	34,658	26,529	519,236	2.0	1,209,094
Georgia	37,156	33,253	578,395	1.7	531,432
Kentucky	25,388	22,915	78,564	0.3	136,799

CONTINUED ➡

**TABLE 1.36**

Agricultural Landholdings of Foreign Owners for the U.S., Virginia, and Surrounding States: December 31, 1988, *CONTINUED*

	Total Land Area	Privately Owned Agricultural Land	Foreign- Owned Agricultural Land	Percent: Foreign- Owned to Privately Owned	Value of Foreign- Owned Land
Maryland	6,296	5,146	50,926	1.0	143,289
North Carolina	31,260	27,321	262,828	1.0	283,698
South Carolina	19,330	15,932	212,695	1.3	158,601
Tennessee	26,339	22,901	73,211	0.3	50,752
West Virginia	15,436	13,744	74,183	0.5	28,492

SOURCE: U.S. Department of Agriculture, Economic Research Service, Natural Resource Economics Division. *Foreign Ownership of U.S. Agricultural Land Through December 31, 1988*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Total Land Area" in thousands of acres, as of 1980.

"Privately Owned Agricultural Land" in thousands of acres. Includes forest land, pastureland, cropland, range, and miscellaneous. Excludes public, Indian, transportation, and urban lands.

"Foreign-Owned Agricultural Land" in acres.

"Value of Foreign-Owned Land" in thousands of dollars. Current value adjusted to February 1, 1988.

TABLE 1.37

Agricultural Landholdings of Foreign Owners for Virginia's Counties and Cities: December 31, 1987 and 1988

Locality	1988			1987		
	Number of Parcels	Number of Acres	Reported Value	Number of Parcels	Number of Acres	Reported Value
Virginia	364	116,111	\$211,836	349	119,584	\$219,447
Counties						
Accomack	2	365	155	2	365	155
Albemarle	42	10,708	20,001	41	11,107	19,585
Amelia	5	2,674	3,300	5	2,674	3,300
Amherst	2	456	312	2	456	312
Appomattox	1	700	700	1	700	700
Augusta	2	469	342	2	469	342
Bedford	6	1,502	1,215	6	1,523	1,233
Botetourt	3	606	476	3	606	476
Buckingham	1	38	17	1	38	17
Caroline	6	1,868	3,009	6	1,868	3,009
Carroll	1	5,475	684	1	5,475	684
Charles City	3	1,700	1,358	3	1,700	1,358
Charlotte	2	620	333	2	620	333
Clarke	4	2,057	7,276	5	2,346	7,716
Culpeper	31	10,563	15,056	30	11,294	15,287
Cumberland	5	903	778	5	903	778
Essex	2	2,583	1,321	3	4,157	1,446
Fairfax	9	1,518	20,983	8	1,503	19,863
Fauquier	33	9,839	23,125	29	8,711	18,557
Floyd	2	220	495	2	220	495

CONTINUED ➡

TABLE 1.37
Agricultural Landholdings of Foreign Owners for Virginia's Counties
and Cities: December 31, 1987 and 1988, *CONTINUED*

Locality	1988			1987		
	Number of Parcels	Number of Acres	Reported Value	Number of Parcels	Number of Acres	Reported Value
Fluvanna	3	962	891	4	1,165	1,051
Frederick	2	424	901	2	417	833
Giles	6	981	621	5	962	576
Gloucester	3	702	2,491	3	702	2,491
Goochland	6	2,481	2,615	6	2,481	2,615
Grayson	2	379	405	2	379	405
Greene	3	586	1,115	4	958	1,541
Hanover	1	125	13	1	125	13
Isle of Wight	1	517	1,450	1	517	1,450
King George	1	573	1,165	1	573	1,165
King William	2	2,281	3,053	2	2,281	3,053
Lancaster	2	334	610	2	334	610
Lee	1	16	15	1	16	15
Loudoun	51	16,639	58,748	50	17,516	73,697
Louisa	3	370	411	2	125	271
Madison	7	2,128	2,206	7	2,128	2,206
Mathews	1	273	700	1	273	700
Mecklenburg	1	70	38	1	70	38
Middlesex	1	17	90	1	17	90
Montgomery	7	1,249	1,437	8	1,346	1,833
Nelson	4	2,682	1,931	5	2,700	1,978
Northumberland	1	239	267	1	239	267
Nottoway	1	921	160	1	921	160
Orange	19	6,097	10,845	20	7,886	11,270
Patrick	19	11,042	3,787	16	10,968	3,731
Prince William	1	139	311	1	139	311
Pulaski	1	292	186	1	292	186
Rappahannock	9	1,145	2,424	5	538	1,111
Richmond	1	34	25	1	34	25
Roanoke	5	1,168	3,236	5	1,168	3,236
Rockbridge	6	710	794	5	535	658
Rockingham	1	20	123	1	20	123
Shenandoah	9	1,379	897	9	1,379	897
Southampton	2	357	357	2	357	357
Spotsylvania	6	865	2,617	3	699	2,003
Stafford	3	564	1,522	1	103	392
Warren	2	184	208	2	184	208
Washington	1	4	58	1	4	58
Wise	1	1,005	300	1	1,005	300
York	1	18	72	1	18	72
Cities						
Chesapeake	1	904	814	1	904	814
Harrisonburg	1	34	425	1	34	425
Lynchburg	1	265	527	1	265	527
Suffolk	1	72	39	1	72	39
MSAs						
Bristol (Va. portion)	1	4	58	1	4	58
Charlottesville	48	12,256	22,007	49	13,230	22,177
Danville	...	...	...	...	...	...
Lynchburg	3	721	839	3	721	839
Norfolk	6	1,696	3,416	6	1,696	3,416

CONTINUED ➡

**TABLE 1.37**

Agricultural Landholdings of Foreign Owners for Virginia's Counties and Cities: December 31, 1987 and 1988, *CONTINUED*

Locality	1988			1987		
	Number of Parcels	Number of Acres	Reported Value	Number of Parcels	Number of Acres	Reported Value
Northern Virginia	64	18,860	81,564	60	19,261	94,263
Richmond	10	4,306	3,986	10	4,306	3,986
Roanoke	8	1,774	3,712	8	1,774	3,712
Planning Districts						
LENOWISCO	2	1,021	315	2	1,021	315
Cumberland Plateau	...	...	...	...	...	...
Mount Rogers	4	5,858	1,147	4	5,858	1,147
New River Valley	16	2,742	2,739	16	2,820	3,090
Fifth	8	1,774	3,712	8	1,774	3,712
Central Shenandoah	10	1,233	1,684	9	1,058	1,548
Lord Fairfax	18	4,044	9,282	18	4,326	9,654
Northern Virginia	61	18,296	80,042	59	19,158	93,871
Rappahannock-Rapidan	99	29,772	53,656	91	30,557	48,431
Thomas Jefferson	55	15,308	24,349	56	16,055	24,426
Central Virginia	10	2,923	2,754	12	2,944	2,772
West Piedmont	19	11,042	3,787	16	10,968	3,731
Southside	1	70	38	1	70	38
Piedmont	14	5,156	4,588	14	5,156	4,588
Richmond Regional	10	4,306	3,986	10	4,306	3,986
RADCO	16	3,870	8,313	11	3,243	6,569
Northern Neck	4	607	902	4	607	902
Middle Peninsula	9	5,856	7,655	10	7,430	7,780
Crater	...	...	...	...	...	...
Southeastern Virginia	5	1,850	2,660	5	1,850	2,660
Peninsula	1	18	72	1	18	72
Accomack-Norhampton	2	365	155	2	365	155

SOURCE: U.S. Department of Agriculture, Economic Research Service, Natural Resource Economics Division, *Foreign Ownership of U.S. Agricultural Land Through December 31, 1988: County-Level Data*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Reported Value" in thousands of dollars. Reported value is purchase price or nonpurchase price (estimated value) at time of acquisition.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.



Section 2: Communications

This section includes data on a variety of communications media, including newspapers, radio, television, and telephone. The tables cover such topics as the total size of the communications industry in Virginia, the number and circulation of newspapers, the number of radio and television broadcast stations, the percentage of housing units without telephones in localities throughout the state, and the assessed value and earnings of Virginia telephone and telegraph companies.

The Bureau of the Census gathers information on the communications industry as a whole in its annual series, *County Business Patterns*. For each state, this series details the number of employees, the total payroll, and the number and size distribution of establishments in each industry. In addition to the statewide data summarized in Table 2.1 (reproduced in the Census Bureau's *State and Metropolitan Area Data Book*), *County Business Patterns* covers individual counties and cities.

The United States Federal Communications Commission, which regulates wire and radio communications and licenses radio and television stations, is a major national source of information on these media. Unpublished data from this agency concerning the number of radio and television broadcast stations are presented in the *State and Metropolitan Area Data Book*. This volume also contains information on cable television derived from the *Television and Cable Factbook*, published annually by Television Digest, Inc., of Washington, D.C.

The names and locations of individual radio stations, television stations, and newspapers are compiled by the National Research Bureau in its multi-volume directory, *The Working Press of the Nation*, which supplied the data for Tables 2.3, 2.4, 2.7, and 2.8.

Financial information on telephone and telegraph companies operating in Virginia is collected by the State Corporation Commission and published in annual statements by that agency. The extent of telephone service in housing units throughout the state is measured by the Bureau of the Census as part of its Census of Housing (*Detailed Housing Characteristics*). These data, summarized in Table 2.9, are based on responses gathered through questionnaires for the 1980 Census.

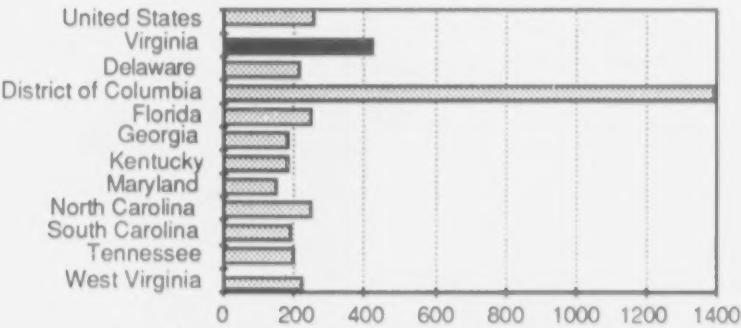
CONCEPTS

COMMUNICATIONS INDUSTRY (SIC CODE 48)

As defined in the Standard Industrial Classification system, communication includes "establishments furnishing point-to-point communication services, whether by wire or radio, and whether intended to be received aurally or visually; and radio and television broadcasting. Services for the exchange or recording of messages are also included." There are four categories within the group: Telephone Communication, Telegraph Communication, Radio and Television Broadcasting, and Communication Services, Not Elsewhere Classified (including radar station operation, telephoto

service, television antenna construction and rental, etc.).

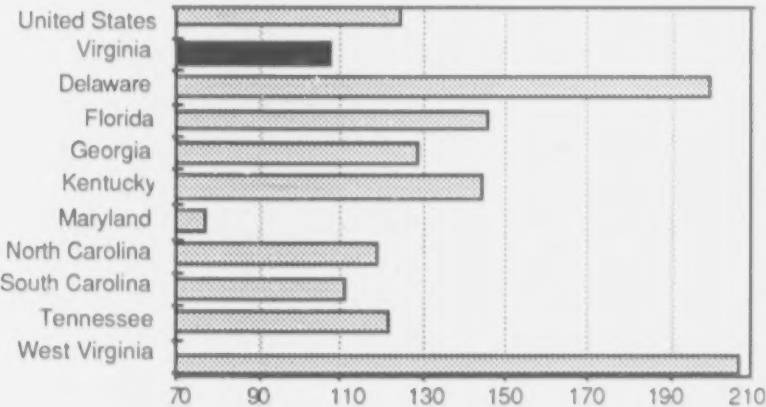
Figure 2.1
Daily Paid Newspaper Circulation: 1987



Source:
Table 2.2

Subscribers Per 1,000 Population

Figure 2.2
Cable Television Subscribers: 1984



Source:
Table 2.5

Subscribers Per 1,000 Population

**TABLE 2.1**

**Communications Establishments, Employees, and Payroll
for the U.S., Virginia, and Surrounding States: 1982**

	Establishments	Employees	Annual Payroll
United States	25,250	1,350.3	\$32,834.3
Virginia	612	31.0	705.4
Delaware	60	(Z)	(C)
District of Columbia	127	14.1	417.8
Florida	983	69.9	1,547.0
Georgia	795	38.0	903.3
Kentucky	484	15.5	328.4
Maryland	374	22.9	580.3
North Carolina	707	30.8	618.8
South Carolina	341	14.0	293.4
Tennessee	564	20.9	448.5
West Virginia	286	8.5	185.7

SOURCE: U.S. Department of Commerce, Bureau of the Census. *State and Metropolitan Area Data Book 1986*. U.S. Government Printing Office, Washington, D.C., 1986.

NOTES: SIC Code 48.
 "Employees" in thousands.
 "Annual Payroll" in millions of dollars.
 Z—Between 1,000 and 2,500 employees.
 C—Withheld to avoid disclosure.

TABLE 2.2

**Number and Circulation of Daily and Sunday Newspapers for
the U.S., Virginia, and Surrounding States: 1986 and 1987**

	1987				1986			
	Daily		Sunday		Daily		Sunday	
	Number	Paid Circulation	Number	Paid Circulation	Number	Paid Circulation	Number	Paid Circulation
United States	1,645	62,826	820	60,112	1,657	62,502	802	58,925
Virginia	36	2,503	15	942	36	1,187	15	939
Delaware	3	144	2	166	3	144	2	162
District of Columbia	2	853	1	1,097		3	2,311	11,079
Florida	48	2,985	35	3,494	49	2,888	33	3,329
Georgia	35	1,112	17	1,228	36	1,099	16	1,184
Kentucky	24	663	13	670	25	711	13	655
Maryland	14	701	6	649	15	688	4	570
North Carolina	54	1,443	29	1,353	54	1,427	29	1,328
South Carolina	17	649	12	666	18	639	11	631
Tennessee	28	978	15	1,063	28	979	15	1,050
West Virginia	23	439	10	392	23	446	10	398

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Number" of newspapers as of February 1 of the following year.
 "Paid Circulation" in thousands. Circulation figures as of September 30. For English language newspapers only.
 Circulation figures based on the principal community served by a newspaper, which is not necessarily the same location as the publisher's office.

TABLE 2.3
Daily Newspapers, Virginia: 1986

Name	Area Served	Estimated Circulation
Alexandria Gazette	Alexandria City	16,000
Alexandria Journal	Fairfax County	NA
Arlington Northern Virginia Sun	Arlington County	18,405
Arlington Journal	Fairfax County	151,000
Bee, The	Danville City	18,267
Bristol Herald Courier	Bristol City	42,000
Bristol Virginia-Tennessean	Bristol City	42,500
Clifton Forge Daily Review	Clifton Forge City	NA
Covington Virginian	Covington City	9,200
Culpeper Star Exponent	Culpeper County	NA
Daily Advance, The	Lynchburg City	15,673
Daily News Leader, The	Staunton City	17,352
Daily Progress, The	Charlottesville City	29,500
Danville Register, The	Danville City	NA
Fredericksburg Free Lance-Star	Fredericksburg City	34,000
Harrisonburg Daily News-Record	Harrisonburg City	29,628
Herald Courier & Virginia-Tennessean	Bristol City	41,500
Hopewell News	Hopewell City	7,800
Journal Messenger	Manassas City	12,800
Ledger-Star, The	Norfolk City	84,000
Lynchburg News	Lynchburg City	22,500
Martinsville Bulletin	Martinsville City	18,100
Newport News Daily Press	Newport News City	63,500
Newport News Times-Herald	Newport News City	38,000
News Journal, The	Radford City	3,200
Northern Virginia Daily	Shenandoah County	14,545
Petersburg Progress-Index	Petersburg City	23,855
Potomac News	Prince William County	24,000
Pulaski Southwest Times	Pulaski County	6,950
Richmond News Leader, The	Richmond City	114,000
Richmond Times-Dispatch	Richmond City	137,950
Roanoke Times & World-News	Roanoke City	79,000
Suffolk News-Herald	Suffolk City	7,920
Virginian-Pilot, The	Norfolk City	143,00
Waynesboro News-Virginian	Waynesboro City	13,500
Winchester Star, The	Winchester City	20,262

SOURCE: The National Research Bureau. *The Working Press of the Nation*. Volume 1, Newspaper Directory, 1987 edition, Chicago, Illinois, 1986.

NOTE: NA—Not available.

TABLE 2.4
Weekly Newspapers, Virginia: 1986

Name	Area Served	Estimated Circulation
Abingdon Virginian	Washington County	4,500
Alexandria Journal	Fairfax County	5,877
Altavista Journal	Campbell County	5,700
Amherst New Era-Progress	Amherst County	4,700
Appomattox Times-Virginian	Appomattox County	4,000
Arlington Journal	Fairfax County	9,794
Bedford Bulletin, The	Bedford County	8,400
Blacksburg Sun	Montgomery County	5,000
Blackstone Courier-Record	Nottoway County	5,000
Bland Messenger, The	Wythe County	7,200
Bowling Green Caroline Progress	Caroline County	3,500
Brunswick Times-Gazette	Brunswick County	3,025

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TABLE 2.4
Weekly Newspapers, Virginia: 1986, *CONTINUED*

Name	Area Served	Estimated Circulation
Burke Herald, The	Arlington County	5,000
Caroline Progress, The	Caroline County	4,000
Carroll News, The	Carroll County	6,200
Central Virginian, The	Louisa County	5,400
Charlotte Gazette, The	Charlotte County	3,550
Charlottesville-Albemarle Tribune	Albemarle County	2,328
Chesapeake Post	Norfolk City	8,324
Chesterfield Journal	Chesterfield County	3,000
Christiansburg Blacksburg News Messenger, The	Montgomery County	7,200
Clarksville Mecklenburg News-Progress, The	Mecklenburg County	7,675
Clinch Valley News	Tazewell County	4,870
Crewe-Burkeville Journal, The	Nottoway County	3,800
Culpeper News	Culpeper County	5,500
Danville Virginian & Commercial Appeal, The	Pittsylvania County	NA
Emporia Independent-Messenger	Greensville County	3,700
Emporia Southside Sun	Greensville County	4,750
Enterprise, The	Patrick County	3,900
Fairfax Journal	Fairfax County	44,050
Farmville Herald, The	Prince Edward County	8,938
Fauquier Democrat, The	Fauquier County	13,526
Fincastle Herald, The	Botetourt County	4,500
Floyd Press, The	Floyd County	4,500
Ft. Belvoir Castle	Fairfax County	15,000
Galax Gazette	Carroll County	8,600
Gazette, The	Pittsylvania County	4,500
Gloucester-Mathews Gazette Journal	Gloucester County	9,500
Greene County Record	Greene County	2,800
Gretna Gazette	Pittsylvania County	5,300
Hanover Herald-Progress	Hanover County	10,118
Henry County Journal	Accomack County	10,000
Lebanon News, The	Russell County	4,650
Lexington News-Gazette, The	Rockbridge County	8,775
Loudoun Times-Mirror	Loudoun County	15,000
Luray Page News and Courier	Page County	6,370
Madison Co. Eagle	Madison County	4,400
Madison County Eagle	Madison County	4,007
Manakin-Sabot Gazette of Goochland & Powhatan	Goochland County	4,250
Marion Smyth County News	Smyth County	5,071
Nelson County Times	Amherst County	3,900
New Castle Record, The	Craig County	1,750
News & County Press, The	Rockbridge County	16,831
Norfolk Journal and Guide	Norfolk City	22,213
Northumberland Echo, The	Northumberland County	5,500
Norton Coalfield Progress, The	Wise County	10,383
Orange County Review	Orange County	7,300
Pennington Gap Powell Valley News	Lee County	7,500
Post, The	Wise County	5,000
Radford Messenger, The	Montgomery County	7,800
Recorder, The	Highland County	4,300
Reston Times, The	Fairfax County	9,200
Richlands News Press	Tazewell County	8,250
Richmond Afro-American Newspaper	Henrico County	5,222
Roanoke Tribune	Roanoke County	5,200
Rockbridge Weekly, The	Rockbridge County	16,831
Rocky Mount Franklin County Times, The	Franklin County	6,000
Rocky Mount Franklin News-Post	Franklin County	8,237
Salem Times-Register, The	Roanoke County	4,800
Shenandoah Valley-Herald, The	Shenandoah County	7,707
Silver Spring-Wheaton Advertiser	Fairfax County	58,153
South Boston Gazette-Virginian	Halifax County	10,500
South Boston News & Record, The	Halifax County	7,233
South Hill Enterprise, The	Mecklenburg County	7,111
Southside Sun	Greensville County	6,685
Star-Tribune	Pittsylvania County	8,187
Sussex-Surry Dispatch	Sussex County	NA
Tidewater Review	King William County	4,200

CONTINUED →

TABLE 2.4
Weekly Newspapers, Virginia: 1986, *CONTINUED*

Name	Area Served	Estimated Circulation
Urbana Southside Sentinel	Middlesex County	4,800
Valley Banner, The	Rockingham County	5,000
Victoria Kenbridge-Victoria Dispatch	Lunenburg County	3,300
Vinton Messenger	Roanoke County	3,978
Virginia Beach Beacon	Norfolk City	60,000
Virginia Beach Sun	Norfolk City	7,040
Virginia Gazette, Inc., The	James City County	13,000
Virginia Mountaineer, The	Buchanan County	9,140
Virginian-Leader	Giles County	6,600
Washington County News, Inc.	Washington County	5,783
Westmoreland News	Westmoreland County	4,800

SOURCE: The National Research Bureau. *The Working Press of the Nation*. Volume 1, Newspaper Directory, 1987 edition. Chicago, Illinois, 1986.

NOTE: NA—Not available.

TABLE 2.5
Cable Television Systems for the U.S., Virginia, and Surrounding States: 1975 and 1984

	1984				1975		
	Total Systems	Communities Served	Basic Subscribers	Pay Service Subscribers	Total Systems	Communities Served	Basic Subscribers
United States	6,395	17,666	29,771	19,771	3,402	7,697	9,973
Virginia	116	303	613	612	60	124	139
Delaware	12	60	123	90	8	29	60
District of Columbia	...	...	...	...	...	...	...
Florida	184	551	1,616	1,169	112	296	456
Georgia	157	374	754	569	74	140	232
Kentucky	203	635	541	379	106	217	150
Maryland	42	176	339	293	27	74	92
North Carolina	131	391	734	568	44	81	141
South Carolina	72	218	369	253	38	59	81
Tennessee	140	189	580	429	59	79	112
West Virginia	194	650	404	119	142	368	242

SOURCE: U.S. Department of Commerce, Bureau of the Census. *State and Metropolitan Area Data Book 1986*. U.S. Government Printing Office, Washington, D.C., 1986.

NOTE: "Basic Subscribers" and "Pay Service Subscribers" in thousands.



TABLE 2.6
Radio and Television Broadcast Stations for the U.S.,
Virginia, and Surrounding States: 1985

	Radio			Television	
	Commercial		Educational FM	Commercial	Noncommercial/ Educational
	AM	FM			
United States	4,684	3,670	1,167	887	286
Virginia	143	88	22	17	8
Delaware	10	8	2	---	2
District of Columbia	6	9	4	6	2
Florida	198	140	28	41	11
Georgia	193	108	20	24	10
Kentucky	136	96	15	16	14
Maryland	48	40	13	8	4
North Carolina	219	96	34	24	10
South Carolina	113	60	14	14	10
Tennessee	182	88	29	24	5
West Virginia	67	46	15	13	2

SOURCE: U.S. Department of Commerce, Bureau of the Census. *State and Metropolitan Area Data Book 1986*. U.S. Government Printing Office, Washington, D.C., 1986.

NOTE: "Radio" AM/FM stations that filed combined reports with the FCC are counted as both AM and FM. Figures represent licensed stations and exclude construction permits.

TABLE 2.7
Radio Stations Operating in Virginia: 1986

Area Served	Call Letters	Type
Abingdon Town, Washington County	WABN	FM
Abingdon Town, Washington County	WBBI	AM
Alexandria City	WCXR	FM
Altavista Town, Campbell County	WKDE	AM
Altavista Town, Campbell County	WKDE	FM
Appomattox County	WTTX	AM
Appomattox County	WTTX	FM
Arlington County	WAVA	FM
Arlington County	WETA	FM
Ashland Town, Hanover County	WIVE	AM
Bassett Town, Henry County	WODY	AM
Bedford County	WBLT	AM
Berryville Town, Clarke County	WWOO	FM
Big Stone Gap Town, Wise County	WLSD	AM
Big Stone Gap Town, Wise County	WLSD	FM
Blacksburg Town, Montgomery County	WKEX	AM
Blacksburg Town, Montgomery County	WUVT	AM
Blacksburg Town, Montgomery County	WUVT	FM
Blacksburg Town, Montgomery County	WVTV	FM
Blackstone Town, Nottoway County	WBBC	FM
Blackstone Town, Nottoway County	WKLV	AM
Bluefield Town, Tazewell County	WBDY	FM
Bristol City	WZAP	AM
Broadway Town, Rockingham County	WBTX	AM
Brookneal Town, Campbell County	WODI	AM

CONTINUED ➡

TABLE 2.7
Radio Stations Operating in Virginia: 1986, *CONTINUED*

Area Served	Call Letters	Type
Charlottesville City	WCHV	AM
Charlottesville City	WINA	AM
Charlottesville City	WQMC	FM
Charlottesville City	WTJU	FM
Charlottesville City	WUVA	FM
Charlottesville City	WWWW	FM
Chatham Town, Pittsylvania County	WKBY	AM
Chesapeake City	WFOS	FM
Christiansburg Town, Montgomery County	WJJJ	AM
Clifton Forge City	WXCF	AM
Clintwood Town, Dickenson County	WDIC	AM
Covington City	WIQO	FM
Crewe Town, Nottoway County	WSVS	AM
Crewe Town, Nottoway County	WSVS	FM
Crozet Town, Albemarle County	WPED	AM
Culpeper County	WCVA	AM
Danville City	WAKG	FM
Danville City	WBTM	AM
Danville City	WDVA	AM
Dumfries Town, Prince William County	WPWC	AM
Fairfax City	WDCT	AM
Farmville Town, Prince Edward County	WFLO	AM
Farmville Town, Prince Edward County	WFLO	FM
Farmville Town, Prince Edward County	WUTA	FM
Franklin County	WYSR	AM
Fredericksburg City	WFLS	FM
Front Royal Town, Warren County	WFTR	AM
Front Royal Town, Warren County	WFTR	FM
Galax City	WBOB	AM
Galax City	WBOB	FM
Gate City Town, Scott County	WGAT	AM
Gate City Town, Scott County	WZYX	FM
Gloucester County	WDDY	AM
Grafton Town, Middlesex County	WYCS	NA
Gretna Town, Pittsylvania County	WMNA	FM
Grundy Town, Buchanan County	WNRG	AM
Hampden - Sydney Town, Prince Edward County	WWHS	FM
Hampton City	WGH	AM
Hampton City	WHOV	FM
Hampton City	WTJZ	AM
Harrisonburg City	WEMC	FM
Harrisonburg City	WHBG	AM
Harrisonburg City	WKCY	AM
Harrisonburg City	WMRA	FM
Harrisonburg City	WSVA	AM
Harrisonburg City	WQPO	FM
Herndon Town, Fairfax County	WVBK	AM
Highland Springs Town, Henrico County	WHCE	FM
Hillsville Town, Carroll County	WHHV	AM
Hopewell City	WHAP	AM
Kilmarnock Town, Lancaster County	WKWI	FM
Lawrenceville Town, Brunswick County	WLES	AM
Lebanon Town, Russell County	WLRV	AM
Leesburg Town, Loudoun County	WAGE	AM
Lexington City	WREL	AM
Lexington City	WLUR	FM
Lynchburg City	WBRG	AM
Lynchburg City	WJJS	AM
Lynchburg City	WKZZ	FM
Lynchburg City	WLGM	AM
Lynchburg City	WLVA	AM
Lynchburg City	WLVA	FM
Lynchburg City	WWOD	AM
Marion Town, Smyth County	WMEV	FM
Martinsville City	WHEE	AM
Martinsville City	WMVA	AM
Middletown Town, Frederick County	WFFV	FM

CONTINUED ➡



TABLE 2.7
Radio Stations Operating in Virginia: 1986, *CONTINUED*

Area Served	Call Letters	Type
Mount Jackson Town, Shenandoah County	WSIG	AM
Norfolk City	WFOG	FM
Norfolk City	WHRO	FM
Norfolk City	WKEZ	FM
Norfolk City	WNIS	AM
Norfolk City	WRAP	AM
Norfolk City	WOWI	FM
Norfolk City	WTAR	AM
Orange County	WJMA	AM
Pennington Gap Town, Lee County	WSWV	AM
Pennington Gap Town, Lee County	WSWV	FM
Petersburg City	WKHK	FM
Petersburg City	WPLZ	FM
Petersburg City	WPVA	FM
Petersburg City	WSSV	AM
Portsmouth City	WNHS	FM
Portsmouth City	WPMH	AM
Portsmouth City	WXRI	FM
Pulaski County	WBLB	AM
Radford City	WRAD	AM
Radford City	WRIQ	FM
P'chmond City	WANT	AM
Richmond City	WBBL	AM
Richmond City	WDCE	FM
Richmond City	WDYL	FM
Richmond City	WEZS	FM
Richmond City	WGGM	AM
Richmond City	WGOF	AM
Richmond City	WRFK	FM
Richmond City	WRJY	AM
Richmond City	WRNL	AM
Richmond City	WRVA	AM
Richmond City	WRVQ	FM
Roanoke City	WFIR	AM
Roanoke City	WJLM	FM
Roanoke City	WKBA	AM
Roanoke City	WPVR	FM
Roanoke City	WROV	AM
Roanoke City	WSLC	AM
Roanoke City	WSLQ	FM
Roanoke City	WTOY	AM
Roanoke City	WVTF	FM
Roanoke City	WXLK	FM
Rocky Mount Town, Franklin County	WNLB	AM
Salem City	WSAY	AM
Smithfield Town, Isle of Wight County	WKGM	AM
South Boston City	WJLC	FM
South Hill Town, Mecklenburg County	WJWS	AM
South Hill Town, Mecklenburg County	WSHV	FM
Staunton City	WKDW	AM
Staunton City	WTON	AM
Stuart Town, Patrick County	WHEO	AM
Tappahannock Town, Essex County	WRAR	AM
Tasley Town, Accomack County	WESR	FM
Tazewell County	WTZE	AM
Tazewell County	WTZE	FM
Virginia Beach City	WCMS	AM
Virginia Beach City	WCMS	FM
Warrenton Town, Fauquier County	WKCW	AM
Warrenton Town, Fauquier County	WPZR	AM
Warsaw Town, Richmond County	WNNT	AM
Warsaw Town, Richmond County	WNNT	FM
Waynesboro City	WANV	AM
Waynesboro City	WAYB	AM
Williamsburg City	WCWM	FM

CONTINUED ➡

TABLE 2.7
Radio Stations Operating in Virginia: 1986, *CONTINUED*

Area Served	Call Letters	Type
Winchester City	WINC	AM
Winchester City	WINC	FM
Winchester City	WUSQ	FM
Winchester City	WVAI	AM
Wise County	WNVA	AM
Wise County	WNVA	FM
Wytheville Town, Wythe County	WYVE	AM

SOURCE: The National Research Bureau. *The Working Press of the Nation*. Volume 3, TV and Radio Directory, 1987 edition. Chicago, Illinois, 1986.

TABLE 2.8
Television Stations Operating in Virginia: 1986

Locality	Call Letters	Affiliation	Local Channel
Bristol City	WCYB	NBC	5
Charlottesville City	WVIR	NBC	29
Falls Church City	WNVC	CATV	56
Fredericksburg City	WRBV	CATV	69
Hampton City	WHRO	PBS	15
Hampton City	WVEC	ABC	13
Harrisonburg City	WHSV	ABC	3
Lynchburg City	WJPR	CATV	21
Lynchburg City	WSET	ABC	13
Manassas City	WTKK	CATV	66
Marion Town	WMSY	PBS	52
Norfolk City	WTKR	CBS	3
Norfolk City	WTVZ	CATV	33
Norton City	WSBN	PBS	47
Petersburg City	WXEX	ABC	8
Portsmouth City	WAVY	NBC	10
Portsmouth City	WYAH	CBN	27
Richmond City	WCVE	PBS	23
Richmond City	WRLH	CATV	35
Richmond City	WTLL	CATV	63
Richmond City	WTVR	CBS	6
Richmond City	WWBT	NBC	12
Roanoke City	WBRA	PBS	15
Roanoke City	WDBJ	CBS	7
Roanoke City	WEF-C	CATV	38
Roanoke City	WSLS	NBC	10
Staunton City	WVPT	PBS	51

SOURCES: The National Research Bureau. *The Working Press of the Nation*. Volume 3, TV and Radio Directory, 1987 edition. Chicago, Illinois, 1986; Broadcasting Publications, Incorporated. *Broadcasting Cablecasting Yearbook 1986*. Washington, D.C., ND.



TABLE 2.9
Telephone Availability for Virginia's Counties and Cities: 1980

	Occupied Housing Units	Occupied Units With No Telephone	Percentage With No Telephone
Virginia	1,862,713	154,057	8.3%
Counties			
Accomack	11,600	1,326	11.4
Albemarle	18,886	1,902	10.1
Alleghany	4,851	312	6.4
Amelia	2,758	369	13.4
Amherst	8,962	899	10.0
Appomattox	4,053	531	13.1
Arlington	71,815	1,556	2.2
Augusta	17,978	1,531	8.5
Bath	1,961	180	9.2
Bedford	11,985	1,146	9.6
Bland	2,078	334	16.1
Botetourt	7,972	658	8.3
Brunswick	5,019	1,156	23.0
Buchanan	11,782	2,412	20.5
Buckingham	3,859	820	21.2
Campbell	15,130	1,670	11.0
Caroline	5,721	1,139	19.9
Carroll	9,741	1,874	19.2
Charles City	1,953	237	12.1
Charlotte	4,050	852	21.0
Chesterfield	45,821	1,694	3.7
Clarke	3,514	225	6.4
Craig	1,452	248	12.1
Culpeper	7,605	724	9.5
Cumberland	2,560	459	17.9
Dickenson	6,402	936	14.6
Dinwiddie	6,421	708	11.0
Essex	3,040	496	16.3
Fairfax	205,166	3,160	1.5
Fauquier	11,607	1,040	9.0
Floyd	4,142	448	10.8
Fluvanna	3,400	584	17.2
Franklin	11,856	1,515	12.8
Frederick	11,467	1,006	8.8
Giles	6,280	729	11.6
Gloucester	7,146	703	9.8
Goochland	3,678	375	10.2
Grayson	5,998	1,195	19.9
Greene	2,554	559	21.9
Greensville	3,446	651	18.9
Halifax	10,182	1,983	19.5
Hanover	16,267	956	5.9
Henrico	67,037	2,136	3.2
Henry	19,569	2,991	15.3
Highland	1,109	106	9.6
Isle of Wight	7,046	888	12.6
James City	7,639	769	10.1
King and Queen	2,056	457	22.2
King George	3,513	518	14.7
King William	3,091	423	13.7
Lancaster	3,939	452	11.5
Lee	8,904	1,596	17.9
Loudoun	18,653	598	3.2
Louisa	5,959	963	16.2
Lunenburg	4,255	741	17.4

CONTINUED ➡

TABLE 2.9

Telephone Availability for Virginia's Counties and Cities: 1980, *CONTINUED*

	Occupied Housing Units	Occupied Units With No Telephone	Percentage With No Telephone
Madison	3,412	460	13.5
Mathews	3,118	177	5.7
Mecklenburg	10,154	1,616	15.9
Middlesex	2,922	317	10.8
Montgomery	20,831	1,570	7.5
Nelson	4,267	824	19.3
New Kent	2,934	296	10.1
Northampton	5,394	678	12.6
Northumberland	3,813	437	11.5
Nottoway	5,017	646	12.9
Orange	6,252	799	12.8
Page	6,924	1,147	16.6
Patrick	6,219	948	15.2
Pittsylvania	22,147	2,845	12.8
Powhatan	3,580	329	9.2
Prince Edward	4,937	879	17.8
Prince George	6,507	507	7.8
Prince William	43,790	2,406	5.5
Pulaski	12,380	1,320	10.7
Rappahannock	2,145	232	10.8
Richmond	2,425	288	11.9
Roanoke	25,237	700	2.8
Rockbridge	6,324	751	11.9
Rockingham	19,078	1,661	8.7
Russell	10,628	1,512	14.2
Scott	8,748	1,584	18.1
Shenandoah	10,035	817	8.1
Smyth	11,423	1,701	14.9
Southampton	5,774	864	15.0
Spotsylvania	10,860	914	8.4
Stafford	12,172	777	6.4
Surry	2,009	372	18.5
Sussex	3,573	801	22.4
Tazewell	17,079	2,838	16.6
Warren	7,754	917	11.8
Washington	15,866	2,481	15.6
Westmoreland	5,042	770	15.3
Wise	14,731	1,763	12.0
Wythe	9,005	1,555	17.3
York	10,895	414	3.8
Cities			
Alexandria	49,004	1,719	3.5
Bedford	2,299	282	12.3
Bristol	7,238	885	12.2
Buena Vista	2,268	322	14.2
Charlottesville	15,041	1,318	8.6
Chesapeake	36,383	2,309	6.3
Clifton Forge	1,896	108	5.7
Colonial Heights	5,871	191	3.3
Covington	3,511	207	5.9
Danville	17,511	1,326	7.6
Emporia	1,754	251	14.3
Fairfax	6,881	121	1.8
Falls Church	4,250	69	1.6
Franklin	2,588	334	12.9
Fredericksburg	5,927	542	9.1

CONTINUED ➡



TABLE 2.9
Telephone Availability for Virginia's Counties and Cities: 1980, *CONTINUED*

	Occupied Housing Units	Occupied Units With No Telephone	Percentage With No Telephone
Galax	2,625	387	14.7
Hampton	41,506	3,079	7.4
Harrisonburg	5,956	466	7.8
Hopewell	8,506	924	10.9
Lexington	2,179	149	6.8
Lynchburg	23,940	1,567	6.5
Manassas	5,048	233	4.6
Manassas Park	1,858	118	6.4
Martinsville	6,636	645	9.7
Newport News	51,314	4,849	9.4
Norfolk	87,802	9,995	11.4
Norton	1,653	208	12.6
Petersburg	14,920	2,025	13.6
Poquoson	2,781	76	2.7
Portsmouth	36,746	3,563	9.7
Radford	3,955	200	5.1
Richmond	85,797	8,498	9.9
Roanoke	40,023	3,962	9.9
Salem	8,646	322	3.7
South Boston	2,616	326	12.5
Staunton	8,097	467	5.8
Suffolk	15,742	1,800	11.4
Virginia Beach	85,155	2,995	3.5
Waynesboro	5,870	411	7.0
Williamsburg	2,820	172	6.1
Winchester	7,971	787	9.9
MSAs			
Bristol (Va. portion)	31,852	4,950	15.5
Charlottesville	39,881	4,363	10.9
Danville	39,658	4,171	10.5
Lynchburg	48,032	4,136	8.6
Norfolk	385,929	30,724	8.0
Northern Virginia	418,437	10,757	2.6
Richmond	269,292	18,876	7.0
Roanoke	81,878	5,642	6.9
Planning Districts			
LENOWISCO	34,036	5,151	15.1
Cumberland Plateau	45,891	7,698	16.8
Mount Rogers	63,974	10,412	16.3
New River Valley	47,588	4,267	9.0
Fifth	93,588	6,517	7.0
Central Shenandoah	70,820	6,044	8.5
Lord Fairfax	47,665	4,899	10.3
Northern Virginia	406,265	9,980	2.5
Rappahannock-Rapidan	31,021	3,255	10.5
Thomas Jefferson	50,107	6,150	12.3
Central Virginia	66,369	6,095	9.2
West Piedmont	83,938	10,270	12.2
Southside	27,971	5,081	18.2
Piedmont	27,436	4,766	17.4
Richmond Regional	227,067	14,521	6.4

CONTINUED ➡

TABLE 2.9
Telephone Availability for Virginia's Counties and Cities: 1980, *CONTINUED*

	Occupied Housing Units	Occupied Units With No Telephone	Percentage With No Telephone
RADCO	38,193	3,890	10.2
Northern Neck	15,219	1,947	12.8
Middle Peninsula	21,373	2,573	12.0
Crater	53,007	6,430	12.1
Southeastern Virginia	277,236	22,748	8.2
Peninsula	116,955	9,359	8.0
Accomack-Norhampton	16,994	2,004	11.8

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Housing. *Detailed Housing Characteristics Virginia*. U.S. Government Printing Office, Washington, D.C., 1983.

NOTES: A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 2.10
**Assessed Value and State Taxes of
Telephone and Telegraph Companies, Virginia: 1984**

Company	Total Value of All Tangible Property	Gross Earnings & Receipts in Virginia	License Tax	Total State Taxes
TELEPHONE				
AT&T Communications of Virginia, Inc.	\$117,319,667	...	\$640	\$640
Amelia Telephone Corp.	4,168,450	\$1,076,030	18,338	19,307
American Telephone & Telegraph Co. of Virginia	276,233,828	155,808,794	2,494,573	2,494,996
Buggs Island Telephone Coop., Inc.	1,455,002	505,686	8,958	9,413
Burke's Garden Telephone Company, Inc.	28,675	37,716	589	589
Central Telephone Company of Virginia	229,377,719	95,117,980	1,557,077	1,620,080
Chesapeake and Potomac Telephone Co. of Virginia	2,270,559,932	1,376,396,300	22,171,005	23,079,897
Citizens Telephone Cooperative	5,361,910	1,392,329	24,552	25,806
Clifton Forge-Waynesboro Telephone Co.	25,156,595	10,914,178	176,862	186,685
Continental Telephone Co. of Virginia	329,740,951	154,340,210	2,515,679	2,616,743
Deerfield Telephone Co., Inc.	8,837	51,792	809	856
General Telephone Co. of The Southeast	39,081,491	17,235,625	277,922	290,030
Highland Telephone Cooperative	766,741	216,448	3,709	3,904
Merchants and Farmers Telephone Co.	3,855,726	1,104,387	18,679	19,673
Mountain Grove-Williamsville Telephone Co.	2,174,390	473,529	8,172	8,598
North River Telephone Cooperative	581,441	156,365	2,878	3,019
Pembroke Telephone Cooperative	1,041,329	333,241	5,640	5,940
Peoples Mutual Telephone Co.	4,919,490	1,487,450	25,435	26,774
Roanoke and Botetourt Telephone Co.	8,417,135	2,040,182	33,202	35,038
Scott County Telephone Cooperative, Inc.	6,119,450	1,261,864	21,636	22,771
Shenandoah Telephone Co.	15,298,733	4,449,463	74,294	78,298
United Inter-Mountain Telephone Co.	100,408,340	47,049,894	764,968	796,865
Virginia Hot Springs Telephone Co.	814,373	369,878	6,084	6,417
TELEGRAPH				
Western Union Telegraph Co.	36,054,259	680,692	24,700	25,313

SOURCE: Commonwealth of Virginia, State Corporation Commission. *Statement Showing the Assessed Value as of the beginning of the First Day of January, 1984 of the Property of Telephone and Telegraph Companies in the Commonwealth of Virginia and the State Taxes Extended for the Year 1984*. Richmond, Virginia, annual.



Section 3: Construction and Housing

The data in this section pertain to construction activity, the construction industry, and housing characteristics in Virginia. Information on construction includes housing units, authorized housing units started, and construction contract value. Information on the construction industry includes the number and type of construction establishments and employment, average pay, and receipts. Information on housing characteristics includes the value, size, age, and equipment of housing units for the entire state and for individual localities.

The principal nationwide source of data on construction is the *Census of Construction Industries*, one of the economic censuses conducted every five years by the Bureau of the Census. The *Census of Construction Industries* covers all employer establishments (i.e., establishments with payrolls) engaged primarily in contract construction, in construction on their own account for sale, or in subdividing real property into lots. The Geographic Area Series of this census presents sections on each state, as well as selected statistics for Standard Metropolitan Statistical Areas. The 1982 census is the ultimate source for the information gathered here from the *Statistical Abstract of the United States* and the *State and Metropolitan Area Data Book*.

In addition to its five-year censuses, the Bureau of the Census also publishes a monthly series, *Construction Reports*, containing the most current data in several categories. The reports in this series include *Housing Units Authorized by Building Permits*, *Housing Starts*, *Value of New Construction Put in Place*, *New One-Family Houses Sold and for Sale*, and *Price Index of New One-Family Houses Sold*. Except for *Housing Units Authorized*, which presents data for states and localities, these reports offer statistics for the nation as a whole and the four major census regions.

For information on building activity within Virginia, the major source is the Center for Public Service, which publishes *Housing Units Authorized in Virginia's Counties and Cities*. This report, issued three times a year (two reports showing quarterly activity and an annual summary), is based on data supplied by local building officials to the Construction Division of the Census Bureau. In addition to a brief survey of current housing trends in the state, it presents detailed information by locality on the kind and number of residential housing units authorized, the number of demolitions, and the kind and number of nonresidential buildings authorized.

The Bureau of the Census surveys housing characteristics throughout the nation in the decennial Census of Housing, which has been separate from the Census of Population since 1940. Two reports from this Census are devoted to each state: *General Housing Characteristics* and *Detailed Housing Characteristics*. While both reports cover such characteristics as utilization and vacancy, rental costs, and equipment, the second offers greater detail in most categories.

Data for Virginia from both the 1970 and 1980 Census of Housing were collected

and analyzed in *Taking Stock: Virginia's Housing Inventory 1980*, a report by David W. Sheatsley of the former Tayloe Murphy Institute. This study, which describes changes in the state's housing during the last decade, provided most of the detailed local data presented in this section.

CONCEPTS

HOUSING UNIT

A housing unit is defined by the Census Bureau as "a room or group of rooms intended for occupancy as separate living quarters by a family, by a group of unrelated persons living together, or by a person living alone." (U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population and Housing. *User's Guide, Part B. Glossary*. U.S. Government Printing Office, Washington, D.C., 1982). Such separate quarters must have direct access from the outside of the building or through a common hall. Thus, each apartment unit in an apartment building is counted as one housing unit. Note, however, that Table 3.12 presents data for buildings, not units.

KITCHEN FACILITIES

The term kitchen facilities refers to presence of an installed sink with piped water, a range or cookstove (excluding portable cooking equipment), and a mechanical refrigerator (excluding ice boxes). Units with all three of these have complete kitchen facilities, while units without complete kitchen facilities lack one or more.

PLUMBING FACILITIES

The term plumbing facilities refers to the presence of toilet facilities, bathing facilities, and piped water. Complete plumbing for exclusive use consists of piped hot and cold water, a flush toilet, and a bathtub or shower for exclusive use by household members. Units lacking complete plumbing for exclusive use fall into any of three categories: (a) unit has complete plumbing facilities but some or all are regularly used by someone who is not a member of the household, or (b) unit has some but not all three types of plumbing facilities, or (c) unit has no plumbing facilities.

RENT

The Census Bureau tabulates two distinct categories of rent. **Contract rent** is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included. **Gross rent** is the contract rent plus the estimated average monthly cost of utilities (water, electricity, gas) and fuels (oil, coal, kerosene, wood, etc.) to the extent that these are paid for by the renter in addition to the rent.

UNITS AUTHORIZED AND HOUSING STARTS

It is important to recognize that the number of units authorized by permit in a



given period (**Units Authorized**) is not identical to the number of units actually started in the period (**Housing Starts**). Although all but a small percentage of the units authorized by permit are eventually completed, builders often obtain permits for units they do not actually begin to construct until many months later. Despite this lag, however, the number of housing units authorized by local building permits is still the best measure of actual housing starts available for most localities. Some localities issue "occupancy permits" when a housing unit is substantially complete. For these jurisdictions, occupancy permits are a superior indicator of housing starts.

UNITS IN STRUCTURE

This term refers to the number of housing units in the structure in which the unit is located. The number of units in a structure includes all housing units whether occupied or vacant, but excludes group quarters or businesses. A structure is defined as a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. A detached one-unit structure has open space on all four sides. This category also includes mobile homes or trailers. An attached one-unit structure refers to a one-unit structure which has one or more walls extending from ground to roof separating it from adjoining structures. In row, or townhouses, double houses, or houses attached to nonresidential structures, each house is a separate attached structure if the dividing or common wall goes from ground to roof.

VALUE OF CONSTRUCTION

The value of construction is based on the estimated construction costs submitted by the builder. It does not include the land cost or the profit margin for the builder, which would enter into the cost-at-completion paid by the purchaser of the house.

YEAR-ROUND AND SEASONAL HOUSING UNITS

Year-round housing units include all units intended for year-round use, whether occupied or vacant. Year-round housing excludes **seasonal units**, those held for seasonal use or migratory labor. Counts of the total housing inventory include both year-round and seasonal units.

Figure 3.1
Average Value of Housing Units Started During 1987

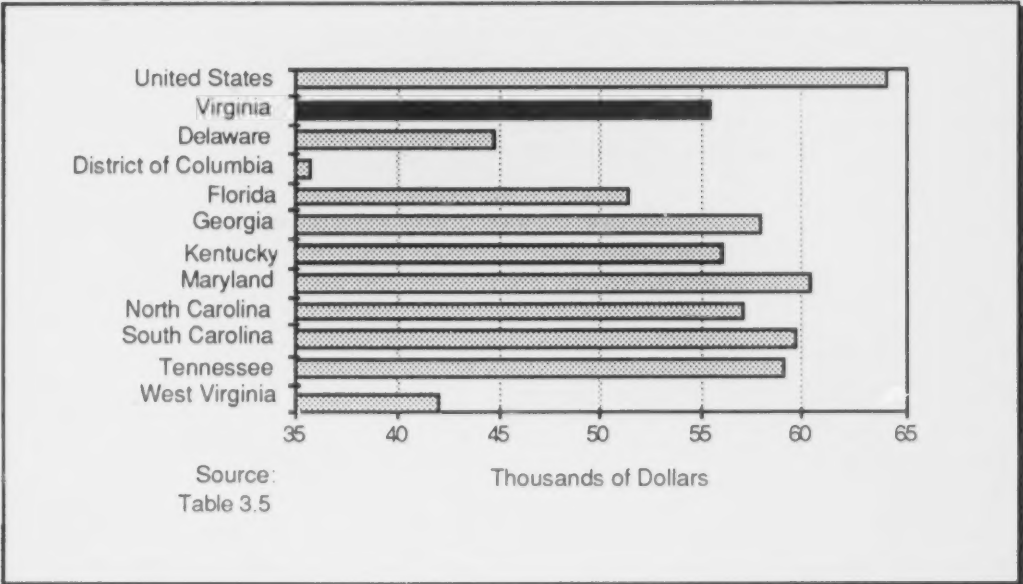


Figure 3.2
Existing Home Sales: 1987

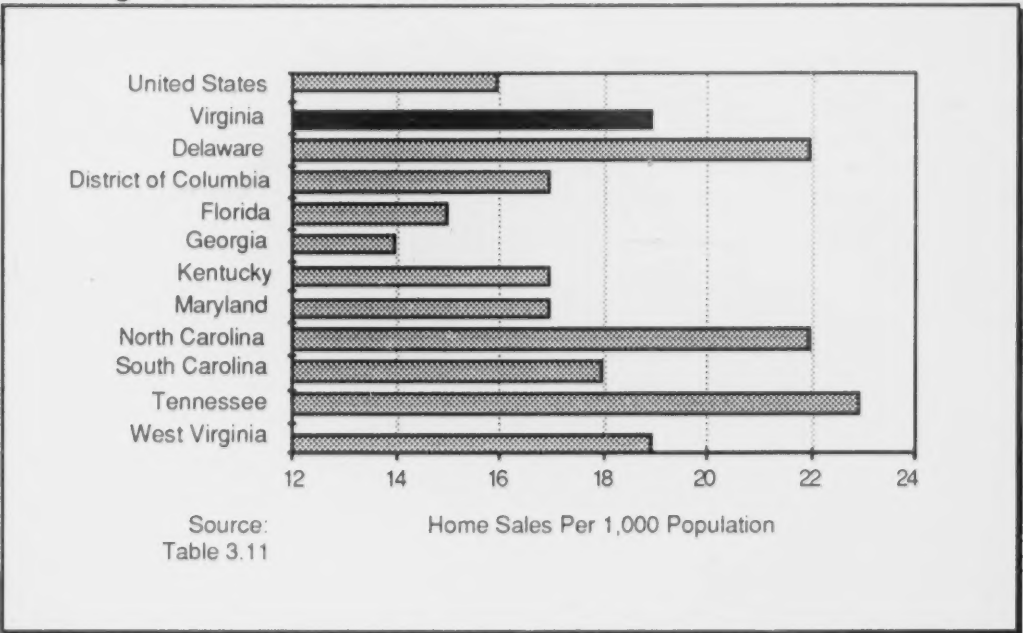




TABLE 3.1
Construction Industry Employment and Annual Pay for
the U.S., Virginia, and Surrounding States: 1983–1986

	Employment			Average Annual Pay		
	1986	1985	1984	1985	1984	1983
United States	4,960	4,687	4,383	\$21,351	\$20,746	\$20,492
Virginia	158.1	152.0	132.8	17,989	16,988	16,362
Delaware	18.9	17.6	16.9	18,651	18,474	18,815
District of Columbia	13.8	13.6	11.5	21,096	21,877	21,828
Florida	339.7	334.3	318.4	17,622	16,870	16,720
Georgia	156.2	143.8	131.5	18,768	18,028	17,047
Kentucky	57.3	54.0	50.5	17,518	17,765	18,067
Maryland	138.8	128.8	116.0	19,814	18,795	17,774
North Carolina	157.3	149.2	132.6	15,944	14,907	14,014
South Carolina	88.1	83.8	80.8	16,314	15,996	15,567
Tennessee	90.0	85.6	78.3	17,595	16,917	16,567
West Virginia	22.7	22.8	22.0	20,961	21,501	19,243

SOURCES: U.S. Department of Commerce, Bureau of the Census. *State and Metropolitan Area Data Book 1986*. U.S. Government Printing Office, Washington, D.C., 1986; U.S. Department of Labor, Bureau of Labor Statistics. *Employment and Earnings, March and May 1987*. U.S. Government Printing Office, Washington, D.C., monthly; U.S. Department of Labor, Bureau of Labor Statistics. *News*. "Average Annual Pay by State and Industry, 1985." USDL 86-361. U.S. Government Printing Office, Washington, D.C., irregular.

NOTES: "Employment" in thousands.
 "Average Annual Pay" in dollars. Includes workers covered by Unemployment Insurance and Unemployment Compensation for Federal Employees programs.
 1985 "Average Annual Pay" data are preliminary.

TABLE 3.2
Construction Contract Value for the U.S.,
Virginia, and Surrounding States: 1980–1987

	1987			1986	1985	1980
	Total	Residential	Nonresidential			
United States	\$254,673	\$119,915	\$89,422	\$243,255	\$232,277	\$148,393
Virginia	8,761	4,513	3,071	8,626	7,586	3,451
Delaware	722	360	205	663	715	305
District of Columbia	876	235	544	1,150	985	510
Florida	19,073	11,174	5,443	17,604	17,820	12,847
Georgia	8,699	4,787	2,851	9,111	7,566	3,939
Kentucky	3,227	1,354	1,225	3,020	2,843	2,185
Maryland	7,262	3,583	2,417	6,305	5,703	3,062
North Carolina	7,175	3,756	2,621	6,861	6,671	3,471
South Carolina	3,704	1,796	1,270	3,206	3,446	2,522
Tennessee	5,112	2,407	1,960	4,511	4,394	2,789
West Virginia	883	227	318	973	858	855

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In millions of dollars.
 "Total" includes nonbuilding.

TABLE 3.3
Summary Statistics for Construction Establishments
by Industry, Virginia: 1977 and 1982

YEAR AND SIC CODE	INDUSTRY	Establishments With Payroll			
		Number	Proprietors & Working Partners	All Employees	All Business Receipts
1982	Construction industries and Subdividers and developers	11,734	4,174	105,935	\$6,722
15, 16, 17	Construction industries	11,561	4,163	105,135	6,653
15	General building contractors and operative builders	3,431	1,057	26,876	2,650
16	Heavy construction, general contractors	640	87	15,317	1,050
17	Special trade contractors	7,490	3,019	62,942	2,952
1711	Plumbing, heating and air-conditioning	1,532	527	14,097	799
1731	Electrical work	894	236	9,746	494
6552	Subdividers and developers, n.e.c.	166	(C)	(C)	(C)
1977	Construction industries and Subdividers and developers	13,148	7,837	117,462	5,110
15, 16, 17	Construction industries	12,970	7,743	116,193	5,022
15	General building contractors and operative builders	4,689	2,462	35,532	2,382
16	Heavy construction, general contractors	827	292	20,548	873
17	Special trade contractors	7,454	4,989	60,113	1,767
1711	Plumbing, heating and air-conditioning	1,438	794	13,194	492
1731	Electrical work	925	510	8,993	311
6552	Subdividers and developers, n.e.c.	179	95	1,270	88

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Construction Industries. *Geographic Area Series, South Atlantic States*. U.S. Government Printing Office, Washington, D.C., 1985.

NOTES: "All Business Receipts" in millions of dollars.
n.e.c.—Not elsewhere classified.
C—Data suppressed to protect confidentiality.



TABLE 3.4
Construction Receipts for Establishments with Payroll
by Type of Construction, Virginia: 1982

Type of Construction	Construction Receipts		
	Total	New Construction	Maintenance & Repair
Total construction receipts	\$6,445,787	\$5,294,959	\$1,150,828
Building construction	4,594,124	3,885,131	708,993
Single-family houses	1,517,782	1,296,057	221,725
Detached	1,185,624	990,783	194,840
Attached	332,158	305,273	26,885
Apartment buildings with two or more apartments	289,544	246,634	42,910
Other residential buildings	136,528	117,462	19,065
Office and bank buildings	780,634	671,133	109,501
Office buildings	697,548	602,640	94,908
Bank buildings and other financial institutions	83,085	68,492	14,593
Farm buildings	39,056	32,025	7,031
Industrial buildings and warehouses	872,585	718,475	154,110
Industrial buildings	736,187	600,988	135,199
Warehouses	136,397	117,486	18,911
Stores, restaurants, public garages, and automobile service stations	324,919	258,960	65,958
Religious buildings	65,321	53,570	11,750
Educational buildings	210,047	180,097	29,950
Hospitals and institutional buildings	274,639	240,937	33,701
Amusement, social, and recreational buildings	51,758	46,936	4,822
Other nonresidential buildings	31,311	22,845	8,470
Nonbuilding construction	1,386,207	1,037,440	348,767
Highways, streets, and related facilities	461,111	303,908	157,202
Bridges, tunnels, and elevated highways	76,343	70,670	5,672
Marine construction	46,322	18,663	27,658
Harbor and port facilities	50,350	36,853	13,496
Power and communication transmission lines, towers, and related facilities	132,647	103,200	29,447
Sewers, water mains, and related facilities	195,947	167,083	28,863
Sewer, sewer lines, and related facilities	104,077	90,304	13,773
Water mains and related facilities	91,870	76,779	15,090
Sewage and water treatment plants	60,205	56,765	3,440
Sewage treatment plants	42,537	40,985	1,552
Water treatment plants	17,668	15,780	1,888
Heavy industrial facilities	132,992	92,790	40,201
Blast furnaces, petroleum refineries, and chemical complexes	81,626	63,754	17,871
Power plants	51,365	29,035	22,329
Other nonbuilding construction	230,290	187,508	42,788
Construction work not specified by kind	465,454	372,286	93,067

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Construction Industries. *Geographic Area Series, South Atlantic States*. U.S. Government Printing Office, Washington, D.C., 1985.

NOTE: In thousands of dollars.

TABLE 3.5
New Privately Owned Housing Units Authorized in the
U.S., Virginia, and Surrounding States: 1986 and 1987

	Housing Units			Value		
	1987		1986 Total	1987		1986 Total
	Total	One Unit		Total	One Unit	
United States	1,534.8	1,024.4	1,769.4	\$98,346	\$78,198	\$98,005
Virginia	66.7	46.2	73.5	3,697	3,083	3,663
Delaware	7.1	5.0	5.5	319	254	235
District of Columbia	1.2	0.3	0.6	43	18	21
Florida	178.8	113.1	195.5	9,210	6,951	8,742
Georgia	64.2	46.4	76.9	3,723	3,216	3,868
Kentucky	13.2	9.0	13.5	740	638	642
Maryland	41.1	33.6	42.4	2,485	2,207	2,269
North Carolina	54.3	40.9	63.0	3,104	2,745	3,054
South Carolina	23.5	18.5	26.8	1,405	1,236	1,357
Tennessee	29.9	21.7	34.4	1,765	1,530	1,701
West Virginia	1.9	1.3	1.9	88	74	83

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Housing Units" in thousands.
"Value" in millions of dollars.

TABLE 3.6
Number of Residential Building Permits Issued in
Virginia's Counties and Cities: 1981-1988

	1988	1987	1986	1985	1984	1983	1982	1981
Virginia	69,997	68,842	84,044	73,245	68,997	63,133	38,411	37,572
Counties								
Accomack	334	263	481	350	316	273	239	165
Albemarle	590	595	748	728	722	1,084	495	640
Alleghany	108	103	141	119	92	105	72	NA
Amelia	98	60	95	96	73	81	46	58
Amherst	131	129	308	301	296	246	176	241
Appomattox	153	158	152	165	147	142	131	116
Arlington	2,218	910	1,341	878	292	1,055	396	586
Augusta	474	448	701	571	644	495	541	372
Bath	20	25	75	39	45	41	51	42
Bedford	955	1,071	530	NA	297	427	172	260
Bland	81	73	77	90	71	60	69	80
Botetourt	259	257	99	180	171	127	64	114
Brunswick	258	222	184	153	168	148	175	217
Buchanan	34	39	257	280	303	261	334	412
Buckingham	220	42	191	140	140	164	181	123
Campbell	294	244	576	904	632	550	448	645
Caroline	243	213	221	198	186	191	203	183
Carroll	122	105	363	327	320	255	235	282

CONTINUED ➡

**TABLE 3.6**

**Number of Residential Building Permits Issued in Virginia's
Counties and Cities: 1981–1988, *CONTINUED***

	1988	1987	1986	1985	1984	1983	1982	1981
Charles City	41	40	63	40	10	28	38	21
Charlotte	47	61	137	127	134	31	21	24
Chesterfield	3,397	3,938	4,298	4,346	3,623	3,599	1,878	2,273
Clarke	127	126	117	60	50	57	34	45
Craig	46	34	76	83	51	NA	NA	NA
Culpeper	862	453	438	256	146	171	64	117
Cumberland	60	30	74	43	32	30	26	26
Dickenson	51	27	55	203	204	252	237	237
Dinwiddie	253	139	227	182	158	193	140	159
Essex	95	37	95	67	63	102	60	49
Fairfax	11,138	13,247	11,170	11,150	13,108	11,786	5,118	5,737
Fauquier	851	356	966	836	616	547	294	268
Floyd	179	160	121	60	51	60	34	47
Fluvanna	300	252	250	171	133	137	71	76
Franklin	406	387	643	657	819	571	445	197
Frederick	758	761	592	693	487	357	189	216
Giles	151	154	148	111	142	177	160	131
Gloucester	317	448	909	911	927	888	420	394
Goochland	209	196	231	205	164	149	127	104
Grayson	259	189	215	188	202	154	146	175
Greene	167	143	148	135	130	112	107	118
Greensville	74	92	64	83	88	87	63	74
Halifax	321	202	139	20	345	293	222	261
Hanover	1,275	1,115	1,471	1,079	744	524	322	261
Henrico	4,273	2,653	3,199	2,977	3,720	2,827	969	1,471
Henry	216	239	762	576	671	565	388	398
Highland	28	16	19	34	33	57	73	31
Isle of Wight	572	302	501	NA	NA	402	250	204
James City	1,000	1,090	1,347	929	706	718	519	391
King and Queen	32	NA	82	80	97	79	60	55
King George	218	253	283	249	199	102	148	127
King William	130	118	130	75	78	74	46	41
Lancaster	198	181	141	150	246	204	101	89
Lee	73	81	259	309	327	315	254	168
Loudoun	2,737	2,089	2,218	1,884	1,373	1,175	711	390
Louisa	315	268	381	354	206	228	219	220
Lunenburg	76	18	78	91	NA	NA	98	72
Madison	129	106	94	69	73	71	52	52
Mathews	114	117	141	96	112	90	59	75
Mecklenburg	117	118	398	355	307	301	263	362
Middlesex	172	149	149	NA	132	153	105	97
Montgomery	748	884	578	437	359	382	470	637
Nelson	189	174	227	257	227	250	216	172
New Kent	185	209	213	135	152	126	70	74
Northampton	104	54	127	92	170	105	62	53
Northumberland	216	218	203	158	NA	138	120	133
Nottoway	54	39	102	86	80	76	111	97
Orange	300	313	252	271	223	214	122	137
Page	193	267	221	174	138	223	112	145
Patrick	227	252	235	213	291	204	158	230
Pittsylvania	301	325	907	771	833	884	693	666
Powhatan	237	197	228	147	131	110	63	76
Prince Edward	142	54	135	139	125	144	90	161
Prince George	180	192	216	203	215	198	146	132
Prince William	4,328	5,085	5,305	2,826	2,967	2,569	1,564	1,472
Pulaski	149	124	326	360	292	242	292	269
Rappahannock	81	88	68	54	29	56	55	37

CONTINUED ➡

TABLE 3.6

Number of Residential Building Permits Issued in Virginia's
Counties and Cities: 1981-1988, *CONTINUED*

	1988	1987	1986	1985	1984	1983	1982	1981
Richmond	55	89	57	52	50	61	33	46
Roanoke	482	618	786	786	712	645	294	423
Rockbridge	150	94	199	179	237	169	125	63
Rockingham	451	575	701	611	471	417	456	478
Russell	56	69	374	339	339	349	356	321
Scott	104	76	228	313	260	263	223	235
Shenandoah	557	519	412	326	261	322	189	470
Smyth	95	98	286	273	268	233	169	392
Southampton	218	112	169	205	123	95	87	151
Spotsylvania	1,529	1,838	1,487	1,265	861	639	348	338
Stafford	2,110	1,133	951	832	164	189	536	358
Surry	80	104	118	106	117	113	76	70
Sussex	144	108	91	99	94	119	47	122
Tazewell	128	105	514	528	568	607	579	585
Warren	422	327	280	192	171	221	65	110
Washington	296	287	600	540	481	408	361	378
Westmoreland	182	209	143	76	122	171	147	40
Wise	260	97	472	513	519	398	237	564
Wythe	329	339	311	448	274	273	215	286
York	696	611	1,050	852	340	274	228	204
Cities								
Alexandria	499	1,495	178	53	368	333	231	311
Bedford	25	31	25	62	22	27	13	23
Bristol	39	50	78	60	212	42	18	51
Buena Vista	17	1	11	51	3	4	63	1
Charlottesville	151	118	89	114	162	172	55	68
Chesapeake	2,083	2,860	3,026	2,954	2,351	1,982	736	421
Clifton Forge	3	2	1	...	...	1	2	...
Colonial Heights	66	80	96	66	93	58	70	49
Covington	2	8	3	20	17	8	1	1
Danville	50	40	46	85	67	66	22	213
Emporia	16	7	6	51	5	3	4	12
Fairfax	67	153	45	69	44	16	19	7
Falls Church	16	3	12	10	1	3	2	8
Franklin	34	59	53	58	17	32	8	80
Fredericksburg	122	28	315	165	121	39	9	28
Galax	59	18	62	41	28	67	122	51
Hampton	1,435	921	1,982	2,068	1,089	844	371	295
Harrisonburg	537	422	528	319	286	197	71	105
Hopewell	79	51	258	128	75	33	122	31
Lexington	17	NA	4	13	1	10	3	5
Lynchburg	195	283	247	366	292	290	230	131
Manassas	718	747	1,439	521	137	62	178	83
Manassas Park	NA	55	60	98	57	16	37	NA
Martinsville	54	52	52	30	28	26	7	74
Newport News	1,555	1,677	2,661	2,908	3,210	1,524	783	456
Norfolk	1,082	1,786	1,644	1,633	1,413	1,147	899	587
Norton	18	NA	28	35	74	22	39	37
Petersburg	39	152	229	38	90	33	88	135
Poquoson	63	57	105	300	125	147	91	76
Portsmouth	247	623	973	456	503	410	279	241
Radford	207	190	176	128	294	89	89	84
Richmond	283	697	610	355	554	348	324	389
Roanoke	219	437	406	290	139	152	136	53
Salem	82	90	127	93	152	131	42	54
South Boston	13	13	8	62	22	27	83	6
Staunton	134	82	79	136	45	53	21	28
Suffolk	474	548	604	434	696	494	293	79

CONTINUED ➡

**TABLE 3.6**

Number of Residential Building Permits Issued in Virginia's Counties and Cities: 1981–1988, *CONTINUED*

	1988	1987	1986	1985	1984	1983	1982	1981
Virginia Beach	4,538	3,461	9,339	8,292	7,661	8,635	5,023	3,243
Waynesboro	83	64	87	54	55	136	37	54
Williamsburg	41	66	84	109	94	66	82	9
Winchester	281	190	327	209	88	130	34	79
MSAs								
Bristol (Va. portion)	439	413	906	913	953	713	602	664
Charlottesville	1,208	1,108	1,235	1,148	1,147	1,505	728	902
Danville	351	365	953	856	920	950	715	879
Lynchburg	620	656	1,131	1,571	1,220	1,086	854	1,017
Norfolk	13,531	14,148	23,724	21,846	19,115	17,129	9,724	6,396
Northern Virginia	23,831	24,917	22,719	18,321	18,511	17,204	8,792	8,952
Richmond	10,517	9,659	11,339	9,901	9,729	8,226	4,357	5,175
Roanoke	1,042	1,402	1,418	1,349	1,174	1,055	536	644
Planning Districts								
LENOWISCO	455	254	987	1,170	1,180	998	753	1,004
Cumberland Plateau	269	240	1,200	1,350	1,414	1,469	1,506	1,555
Mount Rogers	1,280	1,159	1,992	1,967	1,856	1,492	1,335	1,695
New River Valley	1,434	1,512	1,349	1,096	1,138	950	1,045	1,168
Fifth	1,201	1,549	1,639	1,571	1,334	1,169	611	645
Central Shenandoah	1,911	1,727	2,404	2,007	1,820	1,579	1,441	1,179
Lord Fairfax	2,338	2,190	1,949	1,654	1,195	1,310	623	1,065
Northern Virginia	21,721	23,784	21,768	17,489	18,347	17,015	8,256	8,594
Rappahannock-Rapidan	2,223	1,316	1,818	1,486	1,087	1,059	587	611
Thomas Jefferson	1,712	1,550	1,843	1,759	1,580	1,983	1,163	1,294
Central Virginia	1,753	1,916	1,838	1,798	1,686	1,682	1,170	1,416
West Piedmont	1,254	1,295	2,645	2,332	2,729	2,316	1,713	1,778
Southside	709	555	729	590	842	769	743	846
Piedmont	697	304	812	722	584	526	573	561
Richmond Regional	9,900	9,045	10,313	9,284	9,098	7,711	3,791	4,669
RADCO	4,222	3,465	3,257	2,709	1,531	1,160	1,244	1,034
Northern Neck	651	697	544	436	418	574	401	308
Middle Peninsula	860	869	1,506	1,229	1,409	1,386	750	711
Crater	931	925	1,305	956	935	837	756	784
Southeastern Virginia	9,248	9,751	16,309	14,032	12,764	13,197	7,575	5,006
Peninsula	4,790	4,422	7,229	7,166	5,564	3,573	2,074	1,431
Accomack-Norhampton	438	317	608	442	486	378	301	218

SOURCE: Martin, Julia H. and Michael A. Spar. *Housing Units Authorized in Virginia's Counties and Cities*. Center for Public Service, University of Virginia. Charlottesville, Virginia, annual.

NOTES: NA—Not available.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 3.7

Value of Residential Building Permits Issued in Virginia's Counties and Cities: 1981-1988

	1988	1987	1986	1985	1984	1983	1982	1981
Virginia ¹	\$4,070.9	\$3,660.4	\$3,771.9	\$3,018.9	\$2,601.8	\$2,269.5	\$1,260.3	\$1,134.8
Counties								
Accomack	17,164.7	12,774.7	13,790.4	8,543.6	7,901.9	6,939.0	5,115.3	3,296.0
Albemarle	57,088.5	54,943.3	52,816.3	47,878.2	43,060.0	49,026.6	23,188.1	30,403.9
Alleghany	2,208.5	2,056.6	2,243.7	2,260.5	1,695.9	1,937.5	1,138.2	NA
Amelia	3,831.1	2,727.3	2,613.0	1,683.5	1,491.2	1,803.9	864.0	1,281.4
Amherst	7,718.7	7,681.2	10,000.5	8,576.7	8,956.8	6,278.4	4,212.5	4,944.7
Appomattox	4,320.4	4,049.0	4,423.0	3,751.5	2,815.7	2,221.2	2,798.9	1,734.5
Arlington	163,324.5	59,025.9	88,592.5	52,985.0	35,475.6	32,066.1	19,637.8	35,285.4
Augusta	33,643.9	29,267.2	26,502.1	16,776.6	16,421.9	12,846.8	10,021.6	8,045.7
Bath	1,870.7	2,035.8	4,139.7	1,609.8	931.9	938.1	833.6	1,304.1
Bedford	NA	15,628.5	15,244.7	NA	16,796.0	19,498.1	8,222.7	11,576.4
Bland	2,142.1	1,939.6	1,825.6	2,302.5	1,196.5	930.3	732.0	1,060.7
Botetourt	14,062.2	14,499.0	5,787.0	9,060.2	7,123.8	5,029.4	2,673.8	4,097.6
Brunswick	5,536.1	4,568.2	3,846.9	3,294.3	2,929.8	2,526.9	2,823.8	3,700.1
Buchanan	1,359.8	1,079.7	4,041.8	4,182.1	3,687.1	2,205.3	4,033.2	4,006.4
Buckingham	4,928.9	2,144.5	4,379.6	4,058.3	2,511.5	3,027.8	3,260.1	1,978.9
Campbell	16,873.9	12,651.4	15,855.3	23,258.4	13,323.3	10,408.0	6,957.5	10,551.3
Caroline	14,108.2	11,465.2	11,047.4	5,515.8	4,836.0	4,343.1	3,570.2	3,653.8
Carroll	6,310.4	4,906.7	7,332.2	7,302.8	6,476.0	4,679.6	4,784.4	5,919.8
Charles City	2,729.7	2,508.5	2,144.2	1,160.1	425.4	1,250.1	1,003.5	315.4
Charlotte	2,356.3	2,963.3	3,061.9	3,114.2	2,413.9	1,035.0	615.8	781.7
Chesterfield	206,762.2	199,565.4	188,214.8	154,904.4	153,687.2	109,892.0	51,652.2	57,886.0
Clarke	13,833.5	10,084.0	7,044.8	4,061.0	2,779.0	2,897.0	2,633.0	1,972.5
Craig	1,175.5	NA	1,451.3	1,493.5	791.2	NA	NA	NA
Culpeper	45,095.2	26,346.9	21,294.4	13,878.6	8,192.6	8,090.7	3,479.8	5,925.5
Cumberland	2,098.7	1,309.1	1,697.1	1,611.6	1,079.6	909.5	783.5	1,187.1
Dickenson	1,416.8	742.7	1,422.1	3,348.1	3,278.7	3,673.9	3,770.3	3,078.2
Dinwiddie	10,166.2	6,327.3	6,887.4	4,640.9	3,416.6	5,116.0	1,959.4	2,554.0
Essex	4,055.9	3,114.7	3,088.3	2,344.4	2,027.0	2,879.5	1,370.5	1,131.3
Fairfax	690,677.1	786,160.6	657,331.8	583,293.3	575,045.1	495,618.3	231,763.8	185,470.8
Fauquier	129,878.5	32,834.6	74,747.3	62,848.3	42,893.9	36,487.6	14,264.3	17,870.0
Floyd	3,261.4	2,470.8	4,909.0	2,330.3	1,872.0	2,064.7	1,035.9	1,289.6
Fluvanna	20,145.0	15,691.6	13,267.8	8,612.6	6,286.8	5,126.7	2,701.0	2,549.8
Franklin	27,032.0	22,488.7	21,237.1	20,118.3	20,573.5	12,855.7	10,783.7	7,500.3
Frederick	48,506.8	41,068.5	28,619.1	33,432.7	17,279.0	11,734.0	6,122.8	6,381.7
Giles	2,046.6	1,977.5	3,160.1	2,074.9	2,384.3	3,388.3	2,384.3	2,417.8
Gloucester	26,213.2	34,415.1	39,954.2	37,897.2	34,478.0	32,576.9	11,504.9	10,737.7
Goochland	17,623.7	16,283.3	12,400.5	10,472.6	7,522.1	6,727.1	3,657.8	4,248.2
Grayson	6,440.1	4,484.4	4,914.4	3,513.1	3,905.5	2,290.4	1,618.2	2,518.1
Greene	10,028.7	7,770.4	5,663.1	4,984.1	4,227.3	3,834.3	2,913.2	3,571.6
Greensville	2,058.2	1,730.2	1,577.7	1,620.2	1,810.5	10,885.3	1,153.5	920.8
Halifax	7,747.6	6,460.6	4,343.6	318.0	6,365.2	4,991.1	4,796.6	4,515.0
Hanover	73,905.5	63,152.8	61,631.7	38,350.7	30,260.8	21,386.2	11,278.1	9,795.6
Henrico	164,942.6	120,815.7	115,056.9	111,432.7	94,671.6	74,861.7	29,479.5	36,310.5
Henry	14,269.9	11,932.5	17,942.2	12,665.0	6,867.7	7,514.9	2,755.5	4,447.8
Highland	592.7	331.4	535.5	440.0	739.3	745.1	1,164.3	451.2
Isle of Wight	24,305.7	8,855.6	14,069.0	NA	NA	10,458.7	3,391.0	3,044.5
James City	97,058.5	91,296.4	87,203.2	53,591.7	45,587.2	31,163.6	13,354.8	15,821.8
King and Queen	1,530.1	NA	1,856.8	1,808.9	1,893.6	1,568.7	852.6	719.2
King George	11,216.3	9,874.4	11,073.2	7,860.8	4,005.5	2,733.7	2,110.5	2,434.0
King William	7,463.5	6,428.2	5,743.2	3,300.4	3,258.2	2,752.8	1,530.0	1,280.2
Lancaster	14,788.5	12,270.2	9,999.5	8,097.5	14,480.5	11,050.1	4,809.6	4,815.4
Lee	2,653.8	3,350.6	4,650.7	6,327.2	5,989.7	5,356.9	4,026.4	2,965.0
Loudoun	138,466.0	102,260.5	111,686.8	95,689.7	77,254.8	54,838.9	26,290.5	16,739.4
Louisa	13,587.2	11,531.1	11,949.5	9,383.3	4,148.0	4,586.9	3,109.5	2,973.7
Lunenburg	1,815.3	994.9	1,610.6	1,479.0	NA	NA	1,382.9	1,000.4

CONTINUED ➡



TABLE 3.7
Value of Residential Building Permits Issued in Virginia's
Counties and Cities: 1981–1988, *CONTINUED*

	1988	1987	1986	1985	1984	1983	1982	1981
Madison	8,431.0	5,766.1	4,481.4	2,575.3	2,454.9	2,340.1	1,715.3	1,979.2
Mathews	5,436.2	6,913.5	5,769.3	7,628.9	3,385.6	2,113.6	1,173.1	2,168.8
Mecklenburg	7,004.7	6,646.9	10,463.9	7,541.4	7,017.6	6,351.0	3,886.6	5,977.3
Middlesex	8,542.5	8,324.9	5,924.4	NA	4,151.5	4,428.9	3,991.0	2,099.8
Montgomery	34,724.9	34,276.2	15,818.4	11,348.3	7,396.6	10,213.3	8,405.5	18,371.3
Nelson	16,498.6	15,270.3	14,613.8	14,411.8	11,226.7	12,098.4	9,598.5	5,381.2
New Kent	10,874.0	12,327.0	10,965.0	6,511.4	6,144.3	5,491.4	2,848.3	2,859.0
Northampton	4,939.4	2,679.1	3,571.5	2,579.7	3,782.9	2,474.0	1,018.7	1,226.5
Northumberland	15,560.1	12,782.4	9,900.0	8,441.0	NA	5,272.4	3,708.9	4,080.0
Nottoway	1,615.7	1,976.3	2,336.1	3,015.9	2,006.3	1,650.3	1,552.8	2,162.0
Orange	20,712.3	16,532.6	14,020.6	12,553.1	9,738.8	7,725.6	4,765.8	5,349.6
Page	7,790.3	7,483.4	6,332.3	3,605.4	2,642.3	4,442.6	1,774.9	2,799.9
Patrick	4,660.0	5,088.5	5,171.4	4,010.3	5,597.9	3,910.5	2,450.6	3,366.6
Pittsylvania	16,133.3	15,755.8	21,045.7	15,912.6	16,481.2	17,588.1	9,111.6	10,396.2
Powhatan	14,490.0	10,596.9	11,830.6	6,950.8	5,829.1	4,366.1	2,249.2	3,321.9
Prince Edward	5,236.9	2,537.3	3,460.7	2,844.3	2,146.9	3,090.0	1,614.5	2,907.7
Prince George	11,475.1	10,944.2	12,084.8	9,017.6	7,685.8	7,055.7	4,729.4	3,701.9
Prince William	252,061.0	246,654.4	239,125.9	141,575.0	125,069.9	124,632.1	68,729.8	60,602.1
Pulaski	6,665.5	5,612.0	7,260.7	6,653.6	3,650.6	3,056.7	5,212.1	2,975.3
Rappahannock	9,420.0	9,210.0	5,782.0	2,929.2	1,466.6	2,535.5	2,398.2	1,705.0
Richmond	1,453.8	2,845.2	1,175.3	1,145.3	1,117.5	1,252.0	725.0	743.4
Roanoke	28,193.8	33,160.5	37,579.3	36,344.5	29,433.2	26,475.1	10,563.2	14,750.0
Rockbridge	9,594.9	5,856.1	5,993.0	4,611.8	3,749.8	2,933.6	1,343.2	2,320.3
Rockingham	28,937.4	29,470.1	29,949.4	14,970.6	9,416.3	9,285.1	8,244.1	11,591.8
Russell	2,853.5	2,713.0	5,630.6	5,504.2	4,619.3	5,494.6	5,435.9	4,580.3
Scott	3,508.1	2,868.5	5,787.3	6,537.1	3,091.4	2,647.1	1,540.5	2,225.4
Shenandoah	28,445.1	22,585.2	17,184.8	10,276.3	8,021.1	8,347.5	4,957.4	12,336.1
Smyth	3,682.0	3,632.7	5,155.6	3,964.8	2,020.0	1,732.0	1,178.0	4,175.6
Southampton	5,827.0	4,895.2	5,630.8	4,880.7	3,308.5	2,527.5	1,850.8	3,194.3
Spotsylvania	150,503.0	136,025.9	95,680.3	70,023.9	46,516.1	36,183.4	16,982.4	15,382.4
Stafford	133,819.7	87,423.1	61,597.1	41,034.6	7,351.3	7,929.3	18,006.6	16,553.7
Surry	2,763.8	2,821.4	2,714.6	2,523.0	2,784.1	1,950.4	1,324.7	1,117.5
Sussex	2,905.3	2,020.0	1,459.6	1,866.3	1,406.1	1,218.7	569.0	1,744.1
Tazewell	9,332.4	5,352.4	14,320.3	9,955.3	10,027.0	9,295.2	7,862.7	8,797.9
Warren	28,474.4	16,729.2	12,737.9	7,064.2	6,078.2	6,380.2	2,422.3	3,340.4
Washington	18,549.7	12,285.9	15,257.0	12,704.9	6,603.9	5,787.1	4,659.0	5,284.3
Westmoreland	11,448.7	9,074.4	6,392.8	4,341.6	4,648.9	3,218.6	4,594.4	1,947.9
Wise	4,431.2	3,698.0	8,706.8	8,292.4	7,100.4	4,963.8	4,493.2	7,202.7
Wythe	9,099.8	7,322.3	7,348.3	10,258.4	5,183.5	5,495.8	3,218.7	4,835.5
York	43,786.6	47,495.6	54,498.9	36,488.2	22,209.9	16,467.9	12,993.4	10,823.1
Cities								
Alexandria	33,449.0	66,577.4	12,780.7	2,798.0	26,901.2	13,371.2	11,323.8	15,704.8
Bedford	854.0	1,083.5	771.2	1,784.7	485.8	584.0	310.6	486.8
Bristol	1,823.5	1,825.7	2,692.5	1,753.1	5,753.3	1,266.3	435.0	1,215.6
Buena Vista	818.6	20.0	516.5	1,326.5	120.0	127.5	1,182.4	40.0
Charlottesville	9,825.0	8,025.4	3,502.1	3,757.6	4,602.0	7,336.5	1,702.1	2,413.3
Chesapeake	169,160.7	179,326.7	189,000.4	156,956.6	122,769.0	99,789.2	35,117.8	19,615.6
Clifton Forge	137.0	81.2	30.0	...	...	45.0	47.2	...
Colonial Heights	4,851.3	3,611.6	3,586.4	2,700.8	3,353.4	2,310.3	1,956.9	1,940.0
Covington	53.5	334.5	163.0	300.0	158.0	271.0	56.0	69.0
Danville	3,331.7	2,059.0	2,071.7	2,851.1	2,160.8	1,880.9	1,132.2	5,564.4
Emporia	702.7	441.8	196.0	1,230.0	123.2	69.4	126.0	358.5
Fairfax	7,625.7	5,786.5	3,229.7	3,414.1	2,918.7	1,743.4	1,838.9	669.0
Falls Church	3,519.2	764.0	1,572.4	1,116.1	59.0	370.0	127.6	807.1
Franklin	2,476.1	2,390.9	3,148.4	2,069.6	757.3	1,131.8	534.7	2,103.8
Fredericksburg	4,748.2	1,123.0	5,706.6	4,178.0	3,242.5	2,985.0	630.5	1,244.2
Galax	1,529.7	878.3	1,684.3	1,052.4	1,324.0	836.3	1,849.1	967.9
Hampton	59,188.1	44,338.8	73,021.1	109,827.5	40,437.9	31,887.0	11,204.9	9,330.7

CONTINUED ➡

TABLE 3.7
Value of Residential Building Permits Issued in Virginia's
Counties and Cities: 1981-1988, *CONTINUED*

	1986	1987	1988	1985	1984	1983	1982	1981
Harrisonburg	26,119.0	16,448.5	17,895.0	11,567.5	9,888.1	5,849.1	1,695.6	2,521.2
Hopewell	2,789.7	1,704.2	4,161.8	2,798.2	2,002.9	803.4	2,278.0	737.8
Lexington	1,032.0	NA	96.4	635.0	46.0	284.8	106.0	326.0
Lynchburg	9,615.1	13,247.4	11,524.6	10,340.9	9,743.5	8,692.9	5,746.7	5,084.2
Manassas	33,062.4	36,440.6	44,995.3	19,900.3	4,974.6	2,107.7	5,972.0	3,234.3
Manassas Park	NA	1,701.0	1,831.3	3,050.1	1,560.0	416.0	925.0	NA
Martinsville	2,171.4	1,978.0	1,421.0	1,140.0	839.5	1,032.2	214.2	1,800.7
Newport News	76,045.0	68,413.4	98,881.8	82,561.5	97,452.0	42,979.7	24,706.4	11,669.0
Norfolk	32,078.0	47,727.5	42,095.1	40,821.9	40,304.8	31,699.6	28,679.4	19,090.0
Norton	269.0	NA	558.8	548.1	2,045.0	58.0	64.0	569.5
Petersburg	1,248.5	3,378.8	3,694.8	863.7	2,636.8	619.0	2,059.1	3,252.0
Poquoson	6,632.9	5,053.3	9,221.5	12,744.9	6,765.5	7,291.3	4,738.1	3,012.7
Portsmouth	13,942.1	29,823.6	38,040.9	18,882.8	25,760.7	20,100.2	10,650.6	9,863.7
Radford	7,528.6	5,747.9	5,957.5	3,763.5	8,263.0	1,690.8	2,268.6	1,973.2
Richmond	16,884.2	31,118.8	23,601.4	10,725.1	16,476.9	9,457.2	6,458.9	8,739.6
Roanoke	8,308.4	14,103.2	11,309.2	7,554.0	4,720.7	3,323.8	3,332.1	1,693.9
Salem	5,120.7	5,448.1	6,390.8	4,489.3	5,429.7	4,873.9	1,709.6	2,592.4
South Boston	870.6	1,184.8	604.8	1,619.6	877.3	758.2	1,360.0	240.5
Staunton	6,133.9	4,010.2	2,387.8	4,238.2	944.5	1,079.9	621.5	869.9
Suffolk	30,014.7	30,577.4	29,774.3	27,790.3	20,508.8	16,756.3	7,668.5	2,874.8
Virginia Beach	271,215.1	214,064.4	449,933.8	363,561.2	334,247.9	381,567.4	247,868.3	151,163.5
Waynesboro	3,778.0	3,277.2	4,683.6	1,724.0	1,690.1	3,813.1	984.3	1,235.9
Williamsburg	6,074.0	7,559.9	5,850.2	5,398.1	3,947.5	3,548.9	3,286.6	685.0
Winchester	11,361.5	9,696.0	10,602.0	6,647.5	3,379.7	3,516.9	1,110.2	2,183.9
MSAs								
Bristol (Va. portion)	23,881.3	16,980.1	23,736.8	20,995.1	15,448.6	9,700.5	6,634.5	8,725.3
Charlottesville	97,087.2	86,430.7	75,249.3	65,232.5	58,176.1	65,324.1	30,504.4	38,938.6
Danville	19,465.0	17,814.8	23,117.4	18,763.7	18,642.0	19,469.0	10,243.8	15,960.6
Lynchburg	34,207.7	33,580.0	37,380.4	42,176.0	32,023.6	25,379.3	16,916.7	20,580.2
Norfolk	831,408.8	800,092.1	1,117,475.4	946,521.9	794,469.2	715,828.0	411,773.7	264,687.6
Northern Virginia	1,456,004.6	1,392,794.0	1,222,743.5	944,856.2	856,610.2	733,093.0	384,615.8	335,066.6
Richmond	538,742.6	482,334.5	456,260.3	360,529.0	334,112.9	249,336.2	121,610.3	135,661.9
Roanoke	55,685.0	67,210.8	61,066.3	57,448.0	46,707.4	39,702.2	18,278.7	23,133.9
Planning Districts								
LENOWISCO	10,862.1	9,917.1	19,703.6	21,704.8	18,226.5	13,025.8	10,124.1	12,962.6
Cumberland Plateau	14,962.5	9,887.6	25,414.8	22,989.7	21,612.1	20,669.0	21,102.1	20,462.8
Mount Rogers	49,577.4	37,275.6	46,209.9	42,852.0	32,462.7	23,017.8	18,474.4	25,977.5
New River Valley	54,227.0	50,084.4	37,105.7	26,170.6	23,566.5	20,413.8	19,306.4	27,027.2
Fifth	59,259.6	69,683.1	64,954.3	61,502.0	49,352.5	41,955.7	19,520.1	23,202.9
Central								
Shenandoah	112,521.1	90,716.5	92,699.0	57,900.0	43,947.9	37,903.1	26,196.6	28,706.1
Lord Fairfax	138,411.6	107,646.3	82,520.9	65,087.1	40,179.3	37,318.2	19,020.6	29,014.5
Northern Virginia	1,322,184.9	1,305,370.9	1,161,146.4	903,821.6	849,258.9	725,163.7	366,609.2	318,512.9
Rappahannock-								
Rapidan	213,536.8	90,690.2	120,325.7	94,784.5	64,746.8	57,179.5	26,623.4	32,829.3
Thomas Jefferson	127,173.0	113,232.1	101,812.6	89,027.6	73,550.8	82,009.4	43,212.4	47,293.5
Central Virginia	39,382.1	54,341.0	57,819.3	47,712.2	52,121.1	48,362.6	28,248.9	34,377.9
West Piedmont	67,798.2	59,302.5	68,889.1	56,697.3	52,520.6	44,782.3	26,447.8	33,076.0
Southside	21,159.0	18,860.5	19,259.2	12,773.3	17,189.9	14,627.2	12,867.0	14,432.9
Piedmont	21,882.9	14,652.7	19,159.0	17,806.8	11,649.4	11,516.5	10,073.6	11,299.2
Richmond Regional	508,211.9	456,368.4	425,845.1	340,507.8	315,017.4	233,431.8	108,627.5	123,476.2
RADCO	314,395.4	245,911.6	185,104.6	128,613.1	65,951.4	54,174.5	41,300.2	39,268.1
Northern Neck	43,251.1	36,972.2	27,467.6	22,025.4	20,246.9	20,793.1	13,837.9	11,586.7
Middle Peninsula	53,241.4	59,196.4	62,336.2	52,979.8	49,193.9	46,320.4	20,422.1	18,137.0

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**TABLE 3.7**

Value of Residential Building Permits Issued in Virginia's Counties and Cities: 1981–1988, *CONTINUED*

	1988	1987	1986	1985	1984	1983	1982	1981
Crater	38,960.6	32,979.5	36,363.1	27,260.7	25,219.4	30,028.2	16,156.0	16,326.6
Southeastern Virginia Peninsula	549,019.5	517,661.3	771,692.7	614,963.1	547,657.0	564,030.7	335,761.1	210,950.2
Accomack-Norhampton	288,785.0	264,157.4	328,676.7	300,611.9	216,400.0	133,338.4	70,284.2	51,342.3
	22,104.2	15,453.8	17,361.9	11,123.3	11,684.8	9,413.0	6,134.0	4,522.5

SOURCE: Martin, Julia H. and Michael A. Spar, *Housing Units Authorized in Virginia's Counties and Cities*. Center for Public Service, University of Virginia, Charlottesville, Virginia, annual.

NOTES: In thousands of dollars.

¹In millions of dollars.

NA—Not available.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 3.8

Number of Single Family Unit Permits Issued in Virginia's Counties and Cities: 1981–1988

	1988	1987	1986	1985	1984	1983	1982	1981
Virginia	48,153	45,651	54,100	46,011	42,524	42,692 ¹	22,967	22,389
Counties								
Accomack	292	211	226	137	139	135	85	58
Albemarle	531	510	494	460	485	483	343	473
Alleghany	29	36	54	48	45	49	27	NA
Amelia	63	60	36	24	25	32	19	25
Amherst	121	127	123	130	122	131	72	95
Appomattox	41	36	46	41	29	45	36	22
Arlington	273	243	267	252	235	622	261	278
Augusta	470	448	378	280	338	257	155	171
Bath	20	25	39	28	24	21	16	25
Bedford	463	511	248	NA	276	363	170	233
Bland	29	28	25	41	26	21	18	26
Botetourt	187	189	99	174	168	127	64	114
Brunswick	46	40	46	36	21	33	38	37
Buchanan	34	39	55	69	77	73	95	103
Buckingham	54	38	69	44	38	49	45	43
Campbell	260	170	167	308	164	155	82	142
Caroline	237	213	143	103	113	93	71	101
Carroll	105	93	96	113	105	88	92	125
Charles City	41	40	30	22	10	28	15	7
Charlotte	47	45	50	45	44	31	21	24
Chesterfield	3,109	3,337	4,077	3,598	3,191	3,336	1,616	2,009
Clarke	127	106	87	56	47	57	33	45
Craig	25	20	45	37	14	NA	NA	NA
Culpeper	518	360	315	204	124	126	64	89
Cumberland	33	30	26	43	32	30	26	26
Dickenson	51	27	22	38	43	75	56	55
Dinwiddie	221	139	121	86	79	115	54	75
Essex	46	37	44	34	30	34	26	22

CONTINUED ➡

TABLE 3.8

Number of Single Family Unit Permits Issued in Virginia's
Counties and Cities: 1981-1988, *CONTINUED*

	1988	1987	1986	1985	1984	1983	1982	1981
Fairfax	7,314	8,557	9,137	9,533	10,123	9,989	4,843	5,003
Fauquier	843	356	914	781	591	506	217	262
Floyd	74	55	77	60	51	60	34	47
Fluvanna	287	238	235	148	113	108	62	64
Franklin	406	387	359	366	479	335	267	192
Frederick	746	717	516	466	364	227	158	171
Giles	38	47	40	25	44	44	31	46
Gloucester	309	437	422	421	347	368	172	218
Goochland	209	196	178	166	118	113	63	63
Grayson	90	78	112	81	81	51	34	51
Greene	151	122	97	92	78	75	52	61
Greensville	15	17	15	13	17	24	12	10
Halifax	90	79	69	7	124	107	75	93
Hanover	1,275	1,115	1,177	659	602	460	222	230
Henrico	2,144	2,076	2,260	1,934	1,963	1,763	741	872
Henry	194	176	173	128	130	122	52	92
Highland	18	16	12	14	22	19	20	11
Isle of Wight	260	169	237	NA	NA	188	67	67
James City	731	716	742	566	567	411	195	252
King and Queen	24	NA	22	19	25	19	11	16
King George	146	157	145	103	69	51	25	37
King William	130	118	109	65	62	54	29	35
Lancaster	161	141	105	107	86	84	73	63
Lee	73	81	70	82	78	89	80	41
Loudoun	1,946	1,280	1,673	1,523	1,355	1,175	711	378
Louisia	315	258	192	180	95	107	77	93
Lunenburg	19	18	17	32	NA	NA	25	21
Madison	118	90	84	52	53	63	43	47
Mathews	73	84	77	46	49	33	23	37
Mecklenburg	117	118	136	109	83	107	67	74
Middlesex	110	97	88	NA	58	68	54	42
Montgomery	495	496	245	227	181	166	135	330
Nelson	187	172	120	106	110	120	96	70
New Kent	185	209	189	120	120	103	62	67
Northampton	76	54	58	33	28	33	16	15
Northumberland	182	172	197	117	NA	100	74	84
Nottoway	26	39	28	35	30	23	55	26
Orange	269	231	218	181	156	141	90	107
Page	145	126	134	81	60	92	51	83
Patrick	74	72	88	67	72	77	50	79
Pittsylvania	284	294	313	227	240	227	147	188
Powhatan	232	193	216	135	119	101	51	68
Prince Edward	48	48	44	45	31	39	34	38
Prince George	180	192	216	203	201	198	146	132
Prince William	3,516	2,808	3,422	2,469	1,902	2,340	1,328	1,336
Pulaski	109	96	102	83	88	81	114	85
Rappahannock	80	87	66	52	29	56	55	34
Richmond	20	41	28	16	17	27	15	14
Roanoke	428	557	692	605	601	558	265	341
Rockbridge	138	94	95	77	71	83	45	63
Rockingham	357	369	306	213	195	207	246	250
Russell	56	64	73	81	60	76	80	84
Scott	79	76	70	69	52	74	53	70
Shenandoah	377	324	287	193	169	131	140	162
Smyth	89	84	73	58	74	65	47	56
Southampton	64	64	69	57	37	39	24	33
Spotsylvania	1,507	1,652	1,279	1,070	767	637	347	322

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TABLE 3.8
Number of Single Family Unit Permits Issued in Virginia's
Counties and Cities: 1981–1988, *CONTINUED*

	1988	1987	1986	1985	1984	1983	1982	1981
Stafford	1,466	1,101	845	708	139	128	271	322
Surry	45	44	50	44	40	32	27	28
Sussex	19	15	11	25	12	16	9	11
Tazewell	118	100	88	92	91	118	104	129
Warren	339	313	252	168	152	130	57	89
Washington	234	255	279	241	168	188	103	127
Westmoreland	145	144	141	76	78	68	58	40
Wise	95	97	119	122	145	119	122	137
Wythe	105	88	94	80	64	99	63	86
York	502	539	724	390	284	257	226	204
Cities								
Alexandria	116	97	164	29	141	85	135	107
Bedford	8	31	18	14	9	12	7	11
Bristol	39	48	52	44	65	36	12	35
Buena Vista	17	1	11	11	3	4	3	1
Charlottesville	42	21	21	20	15	33	19	29
Chesapeake	1,775	1,957	2,147	1,896	1,774	1,647	726	387
Clifton Forge	3	2	1	...	...	1	2	...
Colonial Heights	60	76	64	47	67	50	26	45
Covington	2	6	3	NA	4	4	1	1
Danville	39	27	28	37	28	32	15	24
Emporia	5	7	5	5	1	1	2	10
Fairfax	67	13	45	33	44	16	19	7
Falls Church	16	3	12	10	1	3	2	8
Franklin	25	25	42	24	11	16	8	80
Fredericksburg	122	28	15	25	55	39	9	23
Galax	9	18	12	20	28	19	21	21
Hampton	1,221	754	1,063	966	866	557	225	178
Harrisonburg	253	116	164	133	100	119	35	36
Hopewell	67	45	106	74	46	31	10	31
Lexington	9	NA	NA	12	1	8	3	4
Lynchburg	115	98	92	91	150	89	40	110
Manassas	348	403	671	511	86	62	178	83
Manassas Park	NA	55	60	98	57	16	37	NA
Martinsville	23	15	10	8	7	15	5	14
Newport News	1,040	1,088	1,189	899	1,006	861	520	256
Norfolk	252	296	299	242	214	259	144	198
Norton	5	NA	4	4	1	2	2	9
Petersburg	33	20	32	22	71	15	26	32
Poquoson	63	57	99	136	100	118	87	55
Portsmouth	221	227	380	303	427	381	137	101
Radford	36	34	28	37	28	25	24	7
Richmond	238	198	333	353	170	197	252	137
Roanoke	117	101	82	58	81	44	29	38
Salem	82	77	94	89	78	92	42	50
South Boston	13	13	8	14	22	27	10	6
Staunton	56	55	29	23	11	18	15	8
Suffolk	326	299	287	217	179	161	70	57
Virginia Beach	2,977	2,697	8,085	6,582	5,986	7,063	3,003	1,714

CONTINUED ➡

TABLE 3.8
Number of Single Family Unit Permits Issued in Virginia's
Counties and Cities: 1981-1988, *CONTINUED*

	1988	1987	1986	1985	1984	1983	1982	1981
Waynesboro	41	34	45	20	37	34	18	20
Williamsburg	37	46	42	28	38	53	76	7
Winchester	65	98	109	81	62	69	30	27
MSAs								
Bristol (Va. portion)	352	379	401	354	285	298	168	232
Charlottesville	1,011	892	847	720	691	699	476	627
Danville	323	321	341	264	268	259	162	212
Lynchburg	496	395	382	529	436	375	194	347
Norfolk	9,454	9,113	15,479	12,646	11,788	12,136	5,581	3,627
Northern Virginia	15,062	14,560	16,296	15,166	14,083	14,436	7,785	7,522
Richmond	7,994	7,836	8,999	7,419	6,757	6,510	3,284	3,768
Roanoke	814	924	967	926	928	821	400	543
Planning Districts								
LENOWISCO	252	254	263	277	276	284	257	257
Cumberland Plateau	259	230	238	280	271	342	336	371
Mount Rogers	700	692	743	678	611	567	390	527
New River Valley	752	728	492	432	392	376	338	515
Fifth	873	988	1,070	1,011	991	875	430	544
Central Shenandoah	1,379	1,158	1,079	811	802	770	556	589
Lord Fairfax	1,799	1,684	1,385	1,045	854	706	469	577
Northern Virginia	13,596	13,459	15,451	14,458	13,944	14,308	7,514	7,200
Rappahannock-								
Rapidan	1,828	1,124	1,537	1,270	953	892	469	539
Thomas Jefferson	1,513	1,322	1,159	1,006	896	926	649	790
Central Virginia	1,008	973	694	584	750	795	407	613
West Piedmont	1,020	971	971	833	956	808	536	589
Southside	266	250	259	166	250	274	190	210
Piedmont	290	278	270	268	200	204	225	203
Richmond Regional	7,433	7,364	8,460	6,987	6,293	6,101	3,022	3,453
RADCO	3,478	3,151	2,427	2,009	1,143	948	723	805
Northern Neck	508	498	471	316	181	279	220	201
Middle Peninsula	692	773	762	585	571	576	315	370
Crater	645	555	620	519	534	482	312	374
Southeastern Virginia	5,900	5,734	11,546	9,321	8,628	9,754	4,179	2,637
Peninsula	3,594	3,200	3,859	2,985	2,861	2,257	1,329	952
Accomack-Northampton	368	265	284	170	167	168	101	73

SOURCE: Martin, Julia H. and Michael A. Spar. *Housing Units Authorized in Virginia's Counties and Cities*. Center for Public Service, University of Virginia. Charlottesville, Virginia, annual.

NOTES: NA—Not available.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.



TABLE 3.9
Value of Single Family Unit Permits Issued in
Virginia's Counties and Cities: 1981-1988

	1988	1987	1986	1985	1984	1983	1982	1981
Virginia	3,423.6	3,025.5	3,089.8	2,449.8	2,084.9	1,963.8	1,017.8	911.7
Counties								
Accomack	15,797.7	11,189.5	10,445.4	5,605.1	5,484.6	5,243.0	3,156.0	2,372.1
Albemarle	53,265.0	49,825.9	42,281.0	37,817.8	35,039.6	30,065.2	19,864.0	27,424.3
Alleghany	1,207.1	1,365.9	1,560.2	1,334.0	1,131.5	1,457.0	676.2	NA
Amelia	3,277.0	2,727.3	1,829.7	884.6	1,005.2	1,293.7	577.3	1,008.1
Amherst	7,404.7	7,621.2	6,869.9	6,207.3	5,717.9	5,219.0	2,655.8	3,490.3
Appomattox	2,769.8	2,349.1	2,986.1	2,231.1	1,467.7	1,853.7	1,316.1	867.3
Arlington	25,294.5	18,973.9	16,989.2	16,186.0	19,595.6	19,456.3	10,637.8	16,902.8
Augusta	33,359.9	29,267.2	22,957.4	14,335.2	15,562.9	12,689.6	7,620.7	7,762.9
Bath	1,870.7	2,035.8	2,460.5	1,451.0	931.9	746.9	395.7	1,021.8
Bedford	NA	14,928.5	14,324.7	NA	15,836.0	18,668.1	8,192.7	10,734.4
Bland	1,702.0	1,495.5	1,226.1	1,891.4	1,196.5	930.3	732.0	1,009.1
Botetourt	13,679.2	13,395.6	5,787.0	8,820.2	7,080.8	5,029.4	2,673.8	4,097.3
Brunswick	2,415.3	2,238.8	2,256.1	1,962.7	1,073.0	1,324.2	1,558.0	1,279.0
Buchanan	1,359.8	1,079.7	1,718.6	2,040.3	2,901.7	1,978.5	3,253.0	4,006.4
Buckingham	3,033.7	2,062.5	3,019.5	2,113.3	1,484.5	1,919.2	1,424.0	1,261.9
Campbell	15,973.9	10,932.4	9,680.4	14,604.6	9,494.9	8,027.7	4,311.5	6,966.1
Caroline	13,927.8	11,465.2	10,124.4	4,707.0	4,836.0	3,893.1	2,740.2	3,653.8
Carroll	5,822.4	4,726.7	4,201.9	4,927.2	4,113.7	3,247.1	3,267.7	4,651.1
Charles City	2,729.7	2,508.5	1,618.3	951.1	425.4	1,250.1	1,003.5	281.6
Charlotte	2,356.3	2,273.3	2,319.0	1,743.0	1,587.9	1,035.0	615.8	781.7
Chesterfield	197,949.2	188,460.2	185,038.3	142,008.1	144,013.5	109,892.0	51,652.2	57,851.0
Clarke	13,833.5	9,441.1	6,125.0	3,970.0	2,732.0	2,897.0	2,613.0	1,972.5
Craig	893.1	NA	1,182.3	1,104.6	462.9	NA	NA	NA
Culpeper	36,117.9	22,739.3	18,773.2	12,151.2	7,467.6	6,815.7	3,479.8	4,825.5
Cumberland	1,724.0	1,309.1	1,113.4	1,611.6	1,079.6	909.5	783.5	1,187.1
Dickenson	1,416.8	742.7	742.1	1,206.9	1,399.5	2,142.6	1,848.6	1,415.3
Dinwiddie	9,785.2	6,327.3	5,463.7	3,506.6	3,372.8	5,116.0	1,959.4	2,554.0
Essex	3,321.3	3,114.7	2,425.3	1,962.7	1,584.4	1,575.1	1,077.9	898.8
Fairfax	581,762.5	639,026.4	587,597.0	532,822.8	484,378.9	451,120.9	222,408.1	175,702.0
Fauquier	129,686.5	32,834.6	73,614.5	61,305.6	42,378.1	35,771.9	12,803.5	17,735.0
Floyd	3,261.4	2,470.8	3,409.0	2,330.3	1,872.0	2,062.7	1,035.9	1,289.6
Fluvanna	20,111.5	15,691.6	13,253.3	7,902.1	5,636.8	5,064.7	2,701.0	2,549.8
Franklin	27,032.0	22,488.7	18,047.3	17,676.8	19,609.5	12,855.7	10,758.7	7,364.1
Frederick	48,206.8	39,618.5	27,345.3	21,923.6	15,338.5	10,256.2	5,830.6	5,985.3
Giles	1,418.7	1,977.5	1,985.5	1,031.6	1,415.3	1,544.8	905.0	1,766.7
Gloucester	25,953.2	34,030.1	28,483.2	25,752.3	20,844.2	21,506.9	8,515.8	8,532.1
Goochland	17,623.7	16,283.3	11,655.0	9,996.4	7,522.1	6,727.1	3,657.8	4,248.2
Grayson	4,072.7	3,385.7	4,013.1	2,666.7	2,889.2	1,530.5	801.0	1,614.9
Greene	9,656.6	7,525.8	5,027.5	4,562.1	3,596.2	3,585.2	2,518.5	2,874.8
Greensville	998.5	875.8	940.7	592.5	972.6	10,221.1	698.9	390.0
Halifax	4,039.1	4,702.8	3,361.1	177.2	4,319.6	3,346.9	2,399.0	3,012.7
Hanover	73,905.5	63,152.8	56,078.2	31,475.0	26,045.3	21,176.3	9,925.8	9,795.6
Henrico	123,856.7	111,124.7	100,920.5	93,171.9	68,511.1	59,436.7	26,198.8	27,490.6
Henry	13,759.9	10,395.4	10,501.8	6,999.8	5,898.7	5,622.9	2,280.5	3,809.8
Highland	487.2	331.4	423.9	240.0	612.3	443.3	543.4	317.7
Isle of Wight	22,382.5	8,855.6	12,966.1	NA	NA	9,051.8	3,391.0	3,044.5
James City	82,406.0	76,809.5	65,228.2	40,866.0	40,416.1	28,563.6	13,354.8	15,821.8
King and Queen	1,465.5	NA	1,098.7	999.9	1,138.9	932.8	375.4	496.9
King George	10,966.7	9,230.2	8,981.3	6,195.4	3,506.4	2,353.7	1,264.1	1,589.2
King William	7,463.5	6,428.2	5,375.1	3,203.0	2,992.1	2,288.5	1,143.9	1,252.9
Lancaster	13,973.4	11,257.1	9,399.1	7,439.5	6,991.2	5,806.1	4,412.7	4,092.1
Lee	2,653.8	3,350.6	2,911.2	3,020.0	3,214.7	3,134.2	2,367.3	1,571.0
Loudoun	114,551.7	80,004.0	97,263.9	84,824.4	76,714.8	54,838.9	26,290.5	16,497.4
Louisa	13,587.2	11,271.4	9,035.1	7,807.7	4,068.0	3,986.9	3,037.6	2,973.7
Lunenburg	1,050.2	994.9	779.0	1,087.1	NA	NA	789.9	686.3

CONTINUED ➡

TABLE 3.9

Value of Single Family Unit Permits Issued in Virginia's Counties and Cities: 1981-1988, *CONTINUED*

	1988	1987	1986	1985	1984	1983	1982	1981
Madison	8,233.8	5,206.7	4,334.8	2,415.3	2,283.0	2,280.5	1,685.7	1,922.4
Mathews	4,986.2	4,588.5	4,647.6	6,863.0	2,513.5	1,535.7	805.2	1,883.3
Mecklenburg	7,004.7	6,646.9	6,053.2	4,699.9	3,199.8	3,781.9	2,259.5	2,336.3
Middlesex	7,824.6	6,166.9	5,189.6	NA	3,096.6	3,132.7	3,460.9	1,779.1
Montgomery	27,889.6	24,895.0	10,841.4	9,207.7	7,049.9	6,774.3	5,777.7	12,747.4
Nelson	16,448.6	15,230.3	9,357.9	8,114.0	7,526.1	7,709.4	5,888.3	3,433.9
New Kent	10,874.0	12,327.0	10,643.2	6,334.4	6,144.3	5,491.4	2,848.3	2,859.0
Northampton	4,647.3	2,679.1	2,786.5	1,893.4	1,681.4	1,463.4	672.2	913.4
Northumberland	15,097.1	12,000.0	9,600.0	8,400.0	NA	4,971.3	3,336.2	3,808.5
Notoway	1,385.5	1,976.3	1,561.9	2,426.9	1,351.0	1,216.1	1,246.2	1,002.5
Orange	20,121.1	15,051.8	13,628.6	11,032.2	9,518.8	7,098.6	4,765.8	5,349.6
Page	7,128.3	5,609.9	5,398.7	2,727.1	1,942.7	2,791.5	1,395.7	2,380.1
Patrick	3,287.1	3,120.5	3,754.1	2,587.1	2,813.0	2,849.5	1,705.5	2,285.4
Pittsylvania	15,606.3	15,200.8	14,660.7	10,588.4	10,551.5	10,104.4	4,970.9	6,714.7
Powhatan	14,390.0	10,492.9	11,626.8	6,814.8	5,705.0	4,304.0	2,120.8	3,272.0
Prince Edward	2,754.6	2,272.8	2,406.3	1,994.8	1,253.8	1,677.6	1,104.2	1,275.7
Prince George	11,475.1	10,944.2	12,084.8	9,017.6	7,220.8	7,055.7	4,729.4	3,701.9
Prince William	231,471.6	178,343.1	196,575.7	131,977.8	101,299.0	119,962.1	61,452.8	57,620.1
Pulaski	5,870.5	5,187.0	4,659.6	3,584.9	3,549.6	2,853.8	4,209.9	2,910.3
Rappahannock	9,410.0	9,210.0	5,332.0	2,889.2	1,466.6	2,535.5	2,398.2	1,520.0
Richmond	1,033.8	2,339.9	968.1	680.9	806.0	1,027.0	565.7	523.2
Roanoke	25,525.0	31,568.9	36,019.3	30,506.6	26,923.3	24,451.6	10,431.2	13,282.6
Rockbridge	9,054.9	5,856.1	4,290.2	3,756.1	2,858.1	2,933.6	1,330.8	2,320.3
Rockingham	25,799.4	24,290.1	17,728.1	9,865.1	8,430.3	8,665.6	7,981.1	11,146.8
Russell	2,853.5	2,613.0	2,785.0	3,229.8	1,952.0	2,539.0	2,838.3	2,664.4
Scott	3,043.1	2,868.5	2,638.4	2,711.1	1,750.4	2,647.1	1,540.5	2,190.4
Shenandoah	23,350.8	17,525.7	14,266.3	8,063.2	6,754.7	5,354.3	4,509.6	5,649.5
Smyth	3,472.0	3,368.8	2,799.3	2,161.0	1,930.0	1,732.0	1,178.0	1,511.8
Southampton	3,507.1	4,092.0	4,202.2	2,642.1	2,145.6	1,808.5	1,166.4	1,429.1
Spotsylvania	149,952.5	131,722.0	93,118.6	67,332.6	46,516.1	36,136.9	16,960.5	15,062.4
Stafford	116,109.5	86,459.1	59,418.9	38,676.1	6,956.5	6,971.0	14,117.8	15,749.7
Surry	2,478.4	2,242.0	2,097.4	1,949.4	1,465.1	1,381.5	1,004.3	861.7
Sussex	1,101.6	877.2	454.3	1,048.1	449.0	597.4	290.2	370.4
Tazewell	9,150.4	5,136.4	5,112.8	4,738.4	3,556.3	4,428.0	2,981.2	4,143.0
Warren	21,863.0	16,448.6	12,406.7	6,791.4	5,793.4	4,831.7	2,354.0	3,081.2
Washington	16,600.0	11,649.6	10,407.1	7,785.0	5,435.5	5,332.3	3,131.1	3,902.7
Westmoreland	10,339.2	8,197.2	6,352.8	4,341.6	4,468.7	2,892.7	2,902.4	1,947.9
Wise	4,281.2	3,698.0	4,806.8	4,648.7	5,936.4	4,548.8	3,972.2	3,985.2
Wythe	6,234.8	4,144.1	4,509.8	3,579.7	2,697.8	3,897.7	2,085.6	2,828.0
York	37,537.6	45,096.7	48,059.8	27,647.2	21,857.9	16,461.0	12,543.4	10,823.1
Cities								
Alexandria	12,690.4	9,753.3	12,279.0	1,958.0	7,881.9	5,099.7	7,738.8	6,454.8
Bedford	425.0	1,083.5	690.5	584.7	405.8	460.0	310.6	456.8
Bristol	1,823.5	1,790.7	2,082.5	1,293.1	1,767.5	1,093.3	339.0	1,175.4
Buena Vista	818.6	20.0	516.5	511.5	120.0	127.5	160.0	40.0
Charlottesville	2,047.1	1,477.4	1,123.1	940.0	1,005.0	1,212.5	916.5	885.3
Chesapeake	159,033.6	154,136.5	157,182.9	126,411.2	107,516.8	90,485.4	34,912.2	18,921.5
Clifton Forge	137.0	81.2	30.0	...	...	45.0	47.2	...
Colonial Heights	4,687.3	3,573.4	3,156.0	2,231.2	2,906.5	2,189.6	1,065.3	1,886.9
Covington	53.5	254.5	163.0	NA	158.0	211.0	56.0	69.0
Danville	3,089.7	1,811.0	1,835.5	2,062.4	1,346.0	1,350.4	1,075.0	969.5
Emporia	397.7	441.8	190.0	320.0	32.0	35.0	81.0	353.0
Fairfax	7,625.7	1,376.5	3,229.7	2,154.1	2,918.7	1,743.4	1,838.9	669.0
Falls Church	3,519.2	764.0	1,572.4	1,116.1	59.0	370.0	127.6	807.1
Franklin	2,282.1	1,730.9	2,901.4	1,408.6	661.4	825.8	534.7	2,103.8
Fredericksburg	4,748.2	1,123.0	987.9	1,744.6	2,234.6	2,985.0	630.5	944.2
Galax	539.2	878.3	645.0	952.4	1,324.0	836.3	698.1	847.9
Hampton	53,110.7	39,629.7	49,371.1	82,383.8	36,972.6	27,735.5	9,334.8	8,372.5

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TABLE 3.9
Value of Single Family Unit Permits Issued in Virginia's
Counties and Cities: 1981–1988, *CONTINUED*

	1988	1987	1986	1985	1984	1983	1982	1981
Harrisonburg	18,537.0	8,051.7	8,864.4	7,615.1	4,493.1	4,814.1	1,106.6	1,347.5
Hopewell	2,523.2	1,553.4	2,811.4	1,913.5	1,376.9	778.4	288.0	737.8
Lexington	780.0	NA	NA	626.6	46.0	284.8	106.0	326.0
Lynchburg	7,891.1	7,226.4	6,749.3	3,828.6	6,153.8	4,599.3	1,921.5	4,797.0
Manassas	23,492.2	25,512.8	31,873.2	19,544.3	3,714.6	2,107.7	5,972.0	3,234.3
Manassas Park	NA	1,701.0	1,831.3	3,050.1	1,560.0	416.0	925.0	NA
Martinsville	1,346.9	977.0	473.0	693.0	274.5	787.2	189.2	565.7
Newport News	56,712.0	55,601.4	60,092.6	40,899.8	44,362.0	37,120.2	21,823.8	10,176.3
Norfolk	12,928.5	18,477.2	15,662.1	14,000.3	12,082.5	11,624.5	6,088.8	7,712.0
Norton	269.0	NA	248.2	288.0	45.0	58.0	64.0	569.5
Petersburg	1,180.5	575.8	832.0	591.0	2,441.7	513.1	675.3	735.0
Poquoson	6,632.9	5,053.3	9,144.6	9,074.9	6,465.5	7,291.3	4,738.1	2,962.7
Portsmouth	13,077.0	12,986.1	21,831.2	13,624.0	23,752.7	19,153.2	7,147.5	4,503.7
Radford	2,355.7	1,671.0	1,633.5	1,468.2	1,506.4	1,120.3	1,116.2	425.3
Richmond	15,409.7	16,785.2	15,458.0	10,675.1	5,955.2	7,156.2	5,659.9	4,657.7
Roanoke	6,093.7	4,995.1	4,116.3	2,984.1	3,360.7	1,646.8	1,073.2	1,400.9
Salem	5,120.7	5,003.1	5,372.4	4,373.9	3,345.2	3,764.6	1,709.6	2,498.6
South Boston	870.6	1,184.8	604.8	641.7	877.3	758.2	344.8	240.5
Staunton	4,208.9	3,367.7	1,492.8	984.0	382.5	582.9	536.5	479.9
Suffolk	25,018.3	23,169.4	21,351.3	15,049.8	11,842.9	9,899.2	3,856.6	2,770.8
Virginia Beach	218,298.3	198,396.4	415,442.7	324,511.8	289,092.5	349,502.6	166,396.0	98,190.5
Waynesboro	2,960.0	2,533.2	2,972.7	787.0	1,267.7	996.5	611.3	646.2
Williamsburg	5,769.1	6,574.9	3,990.2	2,521.3	2,477.5	3,308.9	3,286.0	672.0
Winchester	7,276.5	8,146.0	6,206.0	4,864.5	2,912.7	2,641.9	1,035.2	1,153.9
MSAs								
Bristol (Va. portion)	21,466.6	16,308.8	15,128.0	11,789.2	8,953.4	9,072.7	5,010.6	7,268.5
Charlottesville	85,080.2	74,520.7	61,684.9	51,222.0	45,277.6	39,889.6	26,000.0	33,734.2
Danville	18,696.0	17,011.8	16,496.2	12,650.8	11,897.5	11,454.8	6,045.9	7,684.2
Lynchburg	31,267.9	25,780.0	23,299.6	24,640.5	21,366.6	17,846.0	8,888.8	15,253.4
Norfolk	696,477.2	669,961.2	895,839.9	722,742.4	617,683.2	622,652.3	291,997.8	189,459.0
Northern Virginia	1,116,517.3	1,041,914.1	1,008,630.3	832,309.7	705,079.0	662,086.0	351,509.3	293,637.2
Richmond	486,389.6	444,108.7	417,386.2	318,686.7	281,640.6	231,086.6	111,784.5	120,071.3
Roanoke	50,418.6	54,962.7	51,295.0	46,684.8	40,710.0	34,892.4	15,887.8	21,279.4
Planning Districts								
LENOWISCO	10,247.1	9,917.1	10,604.6	10,667.8	10,946.5	10,388.1	7,944.0	7,810.6
Cumberland Plateau	14,780.5	9,571.8	10,358.5	11,215.4	9,809.5	11,088.1	10,921.1	12,229.1
Mount Rogers	40,266.6	31,439.4	29,884.8	25,256.5	21,354.2	18,599.5	12,232.5	17,540.7
New River Valley	40,795.9	36,201.3	22,529.0	17,622.7	15,393.2	14,357.9	13,044.7	19,139.3
Fifth	52,709.3	56,664.3	54,230.5	49,123.4	42,462.4	36,605.4	16,667.2	21,382.6
Central								
Shenandoah	97,876.6	75,753.2	61,706.5	40,171.6	34,704.8	32,284.8	20,392.1	25,409.1
Lord Fairfax	121,658.8	96,789.8	71,748.0	48,339.8	35,474.0	28,772.6	17,738.1	20,222.5
Northern Virginia	1,000,407.8	955,455.0	949,211.4	793,633.6	698,122.5	655,115.0	337,391.5	277,887.5
Rappahannock-								
Rapidan	203,569.2	85,042.4	115,683.1	89,793.5	63,114.1	54,502.2	25,133.0	31,352.5
Thomas Jefferson	115,116.0	101,022.4	80,077.9	67,143.7	56,871.7	51,585.9	34,925.9	40,141.8
Central Virginia	34,464.5	44,141.1	41,300.9	27,456.3	39,076.1	38,827.8	18,708.2	27,311.9
West Piedmont	64,121.8	53,993.4	49,272.4	40,607.5	40,493.2	33,570.1	20,979.8	21,709.2
Southside	14,329.6	14,773.3	12,275.2	7,481.5	9,469.7	9,211.2	6,561.3	8,668.5
Piedmont	15,581.3	13,616.2	13,028.8	11,861.3	7,762.0	8,051.1	6,540.9	7,203.3
Richmond Regional	456,738.4	421,134.6	393,038.3	301,426.8	264,321.9	215,433.8	103,067.1	110,455.7
RADCO	295,704.7	239,999.5	172,631.1	118,655.7	64,049.6	52,339.7	35,713.1	36,999.3
Northern Neck	40,443.5	33,794.2	26,320.0	20,862.0	12,265.9	14,697.1	11,217.0	10,371.7

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TABLE 3.9
Value of Single Family Unit Permits Issued in Virginia's
Counties and Cities: 1981-1988, *CONTINUED*

	1988	1987	1986	1985	1984	1983	1982	1981
Middle Peninsula	51,014.4	54,328.4	47,219.5	38,780.9	32,169.7	30,971.7	15,379.1	14,843.1
Crater	34,627.5	27,410.9	28,030.3	21,169.9	20,237.4	27,887.8	10,791.8	11,318.7
Southeastern								
Virginia	456,527.4	421,844.1	651,539.9	497,647.8	447,094.4	492,351.0	223,493.2	138,675.9
Peninsula	242,168.3	228,765.5	235,886.5	203,393.0	152,551.6	120,480.5	65,080.9	48,828.4
Accomack-								
Northampton	20,445.1	13,868.6	13,231.9	7,498.5	7,166.0	6,706.4	3,828.2	3,285.5

SOURCE: Martin, Julia H. and Michael A. Spar. *Housing Units Authorized in Virginia's Counties and Cities*. Center for Public Service, University of Virginia. Charlottesville, Virginia, annual.

NOTES: In thousands of dollars.

¹In millions of dollars.

NA—Not available.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 3.10
New Privately Owned Housing Units Started in the
U.S., Virginia, and Surrounding States: 1981-1986

	1986	1985	1984	1983	1982	1981
United States	1,805.0	1,742.0	1,749.9	1,702.9	1,062.0	1,085.0
Virginia	77.3	60.3	62.8	53.8	29.9	29.4
Delaware	5.7	4.2	4.3	3.4	2.8	2.3
District of Columbia	0.6	0.3	0.4	0.3	0.3	0.9
Florida	198.3	190.2	196.7	180.4	100.1	141.0
Georgia	90.8	82.6	80.0	72.2	42.5	37.3
Kentucky	15.8	16.5	15.7	14.9	8.4	12.0
Maryland	44.2	40.0	36.9	36.0	20.3	16.9
North Carolina	71.7	73.2	62.7	53.6	32.8	36.7
South Carolina	23.1	33.0	33.1	28.3	17.9	18.8
Tennessee	38.2	42.9	42.4	37.5	15.8	17.0
West Virginia	3.2	2.0	2.8	2.5	2.2	5.2

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1988*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In thousands of units.

1986 data are preliminary.



TABLE 3.11
Existing Home Sales in the U.S., Virginia,
and Surrounding States: 1982-1987

	1987	1986	1985	1984	1983	1982
United States	3,887.0	3,897.0	3,493.0	3,098.0	2,924.0	2,120.0
Virginia	113.0	130.4	107.2	98.1	103.1	71.3
Delaware	14.0	12.9	12.3	10.0	9.3	7.3
District of Columbia	10.5	11.6	9.9	7.8	7.5	5.5
Florida	184.2	169.4	151.3	137.6	127.7	100.3
Georgia	89.0	75.1	65.1	60.1	51.0	35.8
Kentucky	64.1	58.6	57.7	57.3	56.5	37.1
Maryland	78.5	86.9	80.9	66.8	60.8	43.8
North Carolina	140.6	139.2	123.3	103.2	93.0	70.0
South Carolina	60.9	58.0	52.6	46.0	39.7	30.2
Tennessee	111.2	112.0	99.2	78.7	71.1	46.8
West Virginia	36.6	39.7	37.7	34.6	32.2	21.9

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In thousands.

TABLE 3.12
Number of Nonresidential Building Permits Issued in
Virginia's Counties and Cities: 1981-1988

	1988	1987	1986	1985	1984	1983	1982	1981
Virginia	11,850	10,903	10,698	10,049	9,816	9,007	8,591	8,256
Counties								
Accomack	87	71	54	50	49	43	58	77
Albemarle	184	188	192	200	229	203	180	166
Alleghany	37	NA	41	25	37	34	33	NA
Amelia	11	5	4	6	23	18	30	15
Amherst	45	43	47	50	45	31	31	63
Appomattox	21	11	NA	34	12	28	22	19
Arlington	17	16	23	18	27	4	8	7
Augusta	299	247	266	218	196	225	228	240
Bath	15	26	27	9	3	39	56	NA
Bedford	NA	NA	NA	NA	46	72	81	132
Bland	4	41	3	2	7	1	NA	2
Botetourt	75	43	NA	33	40	53	60	45
Brunswick	56	98	43	67	51	42	27	31
Buchanan	23	25	32	28	42	44	46	31
Buckingham	50	26	NA	4	35	18	31	13
Campbell	122	109	92	99	97	125	92	46
Caroline	4	2	19	19	26	24	42	23
Carroll	68	105	115	100	52	62	45	68
Charles City	33	39	47	37	19	22	NA	10
Charlotte	21	21	19	15	16	17	17	20
Chesterfield	314	193	195	144	7	98	84	92
Clarke	30	44	24	23	19	5	4	2
Craig	NA	NA	1	13	4	NA	NA	NA
Culpeper	42	25	95	105	106	105	69	104
Cumberland	17	11	10	11	24	26	27	16
Dickenson	6	27	4	NA	4	28	22	16
Dinwiddie	155	101	53	26	57	25	28	9

CONTINUED ➡

TABLE 3.12

Number of Nonresidential Building Permits Issued in Virginia's Counties and Cities: 1981-1988, *CONTINUED*

	1988	1987	1986	1985	1984	1983	1982	1981
Essex	47	24	43	36	37	35	40	32
Fairfax	775	609	815	601	584	305	250	205
Fauquier	225	29	185	100	154	122	150	121
Floyd	16	32	6	21	7	6	8	11
Fluvanna	25	6	5	20	25	20	31	23
Franklin	393	320	326	279	198	133	172	136
Frederick	150	213	119	146	132	133	107	110
Giles	46	27	26	8	16	17	12	5
Gloucester	41	19	22	19	41	24	34	20
Goochland	61	87	60	71	50	39	49	53
Grayson	NA	28	2	10	47	44	60	28
Greene	54	47	49	54	57	29	33	48
Greensville	NA	3	8	3	6	9	NA	3
Halifax	NA	NA	55	NA	8	5	NA	5
Hanover	109	154	77	114	110	88	81	79
Henrico	351	367	309	330	314	332	300	302
Henry	82	70	90	85	75	64	56	59
Highland	38	32	2	46	46	59	67	48
Isle of Wight	30	NA	NA	NA	NA	65	89	44
James City	14	18	19	36	36	168	100	109
King and Queen	11	NA	25	24	24	40	22	3
King George	8	2	1	1	11	17	19	43
King William	5	3	NA	1	1	NA	NA	1
Lancaster	75	88	84	43	57	58	74	71
Lee	27	19	23	15	16	11	13	13
Loudoun	49	NA	NA	36	55	92	84	87
Louisa	22	9	13	15	12	7	19	46
Lunenburg	6	4	7	NA	NA	NA	21	35
Madison	42	57	28	29	28	18	26	20
Mathews	3	3	4	1	74	53	37	34
Mecklenburg	126	79	80	49	49	61	71	30
Middlesex	55	69	88	NA	120	81	48	69
Montgomery	105	83	76	74	49	43	54	86
Nelson	72	61	52	31	41	52	71	41
New Kent	33	34	44	46	31	31	30	6
Northampton	30	15	5	78	10	15	4	11
Northumberland	4	3	3	2	NA	51	17	16
Nottoway	20	24	12	12	9	18	1	5
Orange	51	34	37	16	18	19	18	18
Page	186	180	221	146	133	131	136	147
Patrick	33	43	9	10	15	18	7	11
Pittsylvania	171	235	213	228	249	193	168	163
Powhatan	11	9	5	16	10	3	1	10
Prince Edward	25	15	15	15	22	18	10	6
Prince George	64	26	60	99	97	66	8	72
Prince William	182	160	194	194	120	84	78	46
Pulaski	19	26	15	17	15	12	44	12
Rappahannock	NA	NA	6	2	31	41	28	41
Richmond	NA	NA	NA	NA	2	2	4	8
Roanoke	108	136	135	133	130	122	49	129
Rockbridge	66	50	60	46	52	55	49	59
Rockingham	439	497	564	456	384	410	482	500
Russell	1	4	3	3	6	7	5	3
Scott	10	6	6	11	11	10	8	11
Shenandoah	222	155	165	148	88	122	114	135
Smyth	24	29	27	18	13	10	7	17
Southampton	130	185	15	140	112	78	106	82
Spotsylvania	391	283	311	256	256	140	65	106

CONTINUED

**TABLE 3.12**

Number of Nonresidential Building Permits Issued in Virginia's Counties and Cities: 1981-1988, *CONTINUED*

	1988	1987	1986	1985	1984	1983	1982	1981
Stafford	69	64	14	38	40	17	24	81
Surry	5	11	9	3	5	NA	5	1
Sussex	9	10	18	5	5	16	8	43
Tazewell	35	118	111	128	72	82	90	62
Warren	NA	106	91	83	32	41	9	32
Washington	61	66	58	52	46	64	32	45
Westmoreland	NA	NA	1	NA	NA	11	NA	NA
Wise	38	37	29	31	46	56	61	45
Wythe	67	57	39	45	70	51	42	51
York	60	124	98	54	83	75	85	91
Cities								
Alexandria	32	23	23	7	13	49	54	42
Bedford	1	3	46	8	7	6	8	1
Bristol	25	33	28	52	41	20	29	27
Buena Vista	4	NA	27	2	2	33	5	2
Charlottesville	30	41	49	41	39	51	48	31
Chesapeake	94	113	136	102	101	99	304	330
Clifton Forge	NA	3	7	NA	NA	2	1	NA
Colonial Heights	71	57	56	42	58	50	43	6
Covington	11	3	6	6	7	3	NA	5
Danville	88	68	82	53	59	59	53	10
Emporia	24	13	14	18	14	20	10	25
Fairfax	19	43	17	45	15	27	3	8
Falls Church	1	5	6	10	15	1	4	2
Franklin	37	11	31	12	10	3	12	5
Fredericksburg	39	29	37	27	27	18	10	12
Galax	5	4	18	6	7	16	5	5
Hampton	1,225	880	1,107	996	866	756	648	723
Harrisonburg	72	68	62	55	57	41	25	41
Hopewell	23	9	16	12	15	9	9	19
Lexington	1	NA	1	1	NA	NA	4	8
Lynchburg	83	100	88	75	64	51	53	53
Manassas	53	47	42	27	13	4	34	20
Manassas Park	34	64	62	26	3	3	3	3
Martinsville	9	7	6	6	11	4	4	6
Newport News	731	682	393	373	291	263	181	190
Norfolk	264	198	200	218	252	383	446	171
Norton	4	3	3	3	NA	1	NA	5
Petersburg	11	27	32	31	45	33	15	34
Poquoson	4	8	6	2	7	1	29	19
Portsmouth	205	181	222	266	290	128	188	190
Radford	1	7	5	NA	4	2	9	8
Richmond	83	76	102	139	135	100	159	180
Roanoke	91	134	135	157	101	58	69	86
Salem	39	53	48	54	56	35	40	36
South Boston	5	3	2	3	4	2	2	4
Staunton	11	27	32	22	35	34	24	7
Suffolk	212	261	62	206	296	201	149	201
Virginia Beach	713	688	691	656	775	636	512	357
Waynesboro	65	41	37	39	58	50	26	29
Williamsburg	11	10	13	15	7	7	16	10
Winchester	56	59	50	71	50	57	43	13
MSAs								
Bristol (Va. portion)	96	105	92	115	98	94	69	83
Charlottesville	293	282	295	315	350	303	292	268
Danville	259	303	295	281	308	252	221	173

CONTINUED →

TABLE 3.12
Number of Nonresidential Building Permits Issued in Virginia's
Counties and Cities: 1981–1988, *CONTINUED*

	1988	1987	1986	1985	1984	1983	1982	1981
Lynchburg	250	252	227	224	206	207	176	162
Norfolk	3,574	3,182	2,969	2,943	3,045	2,741	2,692	2,411
Northern Virginia	1,231	1,031	1,196	1,002	885	586	542	501
Richmond	1,319	1,179	1,056	1,107	948	896	807	872
Roanoke	313	366	318	377	327	268	218	296
Planning Districts								
LENOWISCO	79	65	61	60	73	78	82	74
Cumberland Plateau	65	174	150	159	124	161	163	112
Mount Rogers	254	363	290	285	283	268	220	243
New River Valley	187	175	128	120	91	80	127	122
Fifth	361	372	373	421	375	307	252	301
Central Shenandoah	1,010	988	1,078	894	833	946	966	934
Lord Fairfax	644	757	670	617	454	489	413	439
Northern Virginia	1,162	967	1,182	964	845	569	518	420
Rappahannock-Rapidan	360	145	351	252	337	305	291	304
Thomas Jefferson	387	352	360	361	403	362	382	355
Central Virginia	272	266	273	266	271	313	287	314
West Piedmont	776	743	726	661	607	471	460	385
Southside	187	180	180	119	112	110	100	70
Piedmont	150	106	67	63	129	115	137	110
Richmond Regional	995	959	839	897	676	713	704	732
RADCO	511	380	382	341	360	216	160	265
Northern Neck	79	91	88	45	59	122	95	95
Middle Peninsula	162	118	182	81	297	233	181	159
Crater	362	257	266	239	302	228	126	212
Southeastern Virginia	1,685	1,637	1,357	1,600	1,836	1,593	1,806	1,380
Peninsula	2,045	1,722	1,636	1,476	1,290	1,270	1,059	1,142
Accomack-Norhampton	117	86	59	128	59	58	62	88

SOURCE: Martin, Julia H. and Michael A. Spar. *Housing Units Authorized in Virginia's Counties and Cities*. Center for Public Service, University of Virginia, Charlottesville, Virginia, annual.

NOTES: NA—Not available.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 3.13
Value of Nonresidential Building Permits Issued in
Virginia's Counties and Cities: 1981–1988

	1988	1987	1986	1985	1984	1983	1982	1981
Virginia	\$2,505.4	\$1,975.6	\$1,855.1	\$1,424.5	\$1,242.8	\$1,014.3	\$790.7	\$780.9
Counties								
Accomack	2,671.1	2,517.4	5,889.0	1,710.3	1,447.4	927.8	963.3	775.7
Albemarle	24,514.1	12,796.3	11,904.5	11,220.7	9,797.9	6,673.5	3,516.5	8,139.9
Alleghany	814.1	NA	211.5	29,681.4	3,499.9	389.4	1,068.1	NA
Amelia	552.5	113.3	352.5	407.5	317.6	383.1	217.9	1,458.2
Amherst	1,918.2	3,491.2	469.7	1,788.3	5,019.7	1,990.2	943.8	533.7
Appomattox	255.0	5,443.9	NA	360.4	210.8	468.9	197.6	348.2
Arlington	250,762.9	113,843.4	168,203.9	81,163.9	124,784.2	8,570.0	42,472.0	58,862.8

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TABLE 3.13

Value of Nonresidential Building Permits Issued in Virginia's
Counties and Cities: 1981-1988, *CONTINUED*

	1988	1987	1986	1985	1984	1983	1982	1981
Augusta	19,504.3	13,294.6	13,283.6	9,331.1	3,245.8	19,618.9	2,924.3	5,519.1
Bath	619.4	161.8	2,250.1	181.7	93.0	176.7	106.2	NA
Bedford	NA	NA	NA	NA	1,782.3	2,110.2	433.0	3,295.2
Bland	516.9	2,018.1	586.6	207.7	962.5	12.1	NA	214.7
Botetourt	1,215.2	1,659.0	NA	903.9	492.1	3,039.3	907.3	520.8
Brunswick	3,170.9	2,547.3	1,539.2	2,329.1	1,309.1	180.8	415.3	405.9
Buchanan	2,506.5	1,600.5	3,091.3	3,461.0	6,208.3	9,210.1	9,181.8	5,940.4
Buckingham	1,576.9	754.8	NA	436.5	784.1	590.9	1,745.2	229.0
Campbell	13,061.7	5,964.5	6,251.5	5,326.2	6,651.5	3,643.7	3,237.4	4,804.2
Caroline	866.0	1,952.1	2,182.1	473.6	485.9	1,512.5	153.0	4,365.4
Carroll	2,628.8	1,278.7	1,175.9	1,023.0	1,513.5	1,426.1	1,106.1	394.6
Charles City	451.3	1,559.8	518.5	40.3	35.5	29.6	NA	36.4
Charlotte	3,462.6	641.5	1,104.2	573.9	428.3	102.9	103.6	182.9
Chesterfield	79,721.5	71,788.7	49,756.0	39,056.0	2,901.7	11,323.2	14,853.9	40,768.3
Clarke	375.6	1,068.0	4,963.2	284.6	505.6	666.0	121.0	260.0
Craig	NA	NA	357.5	34.8	299.5	NA	NA	NA
Culpeper	6,942.6	714.6	2,132.6	5,255.9	7,372.8	6,300.5	2,628.2	4,174.5
Cumberland	518.2	815.7	689.0	275.2	275.6	688.3	293.4	292.5
Dickenson	19.2	245.7	600.0	NA	1,028.5	451.2	605.3	667.5
Dinwiddie	1,328.9	813.5	317.0	353.3	550.8	390.0	154.9	392.7
Essex	1,037.0	565.8	2,888.0	203.2	633.5	461.7	185.9	124.1
Fairfax	790,651.2	780,933.9	540,205.6	342,207.9	403,845.1	329,255.4	194,443.4	123,696.7
Fauquier	7,968.9	10,412.0	12,350.8	10,932.9	6,174.9	2,496.2	3,456.6	2,673.5
Floyd	343.0	487.2	161.4	1,205.0	41.0	117.5	37.5	154.4
Fluvanna	1,599.2	247.2	3,168.5	1,959.5	302.8	570.1	510.7	141.4
Franklin	8,143.1	11,905.8	10,316.3	5,130.3	3,154.6	1,719.6	2,587.0	4,560.0
Frederick	10,472.5	12,112.4	9,389.4	11,881.7	4,545.0	8,478.2	9,511.5	2,017.0
Giles	4,756.1	1,231.5	1,731.7	1,279.5	1,277.6	499.0	1,267.8	5,593.0
Gloucester	12,217.8	2,580.0	2,870.0	4,396.0	3,736.0	2,928.3	976.0	963.1
Goochland	727.2	1,693.3	1,429.0	1,919.2	531.1	1,067.3	611.6	509.9
Grayson	NA	359.2	80.8	707.5	1,329.6	1,258.8	244.2	613.9
Greene	1,423.9	4,114.7	714.5	3,038.4	631.0	336.1	394.8	402.8
Greensville	NA	570.4	3,057.6	219.1	3,325.3	554.0	NA	232.0
Halifax	NA	NA	937.1	NA	1,669.4	434.0	NA	1,078.9
Hanover	15,040.9	26,125.6	1,748.5	12,541.0	8,226.0	4,332.6	4,662.4	5,902.6
Henrico	123,593.8	74,565.2	67,651.2	69,965.9	37,318.8	30,069.0	23,510.8	29,197.0
Henry	27,756.3	2,341.5	7,899.8	6,396.5	10,230.6	9,584.7	6,490.3	2,298.8
Highland	252.9	250.5	206.4	46.0	395.5	177.8	159.6	163.4
Isle of Wight	6,513.4	NA	NA	NA	NA	1,955.2	12,735.5	8,345.1
James City	43,353.8	2,439.2	19,263.5	4,158.1	12,997.4	3,832.8	7,076.7	2,403.4
King and Queen	50.8	NA	720.1	68.8	169.3	139.8	236.6	3.5
King George	572.0	200.0	150.0	126.0	555.2	2,444.7	2,616.7	898.7
King William	2,089.8	569.0	NA	30.0	420.0	NA	NA	17.0
Lancaster	4,152.4	3,776.0	6,116.7	6,370.8	1,306.6	5,032.7	464.2	258.1
Lee	470.0	473.4	1,392.5	2,010.5	2,190.2	432.0	8,454.4	186.0
Loudoun	65,764.3	NA	NA	13,490.1	36,377.8	7,701.0	8,598.5	5,368.6
Louisa	2,252.4	3,496.5	1,141.1	1,486.9	1,008.4	2,383.5	220.1	6,943.6
Lunenburg	202.5	47.3	300.7	NA	NA	NA	92.6	1,114.4
Madison	341.1	2,211.8	1,493.1	648.8	1,201.8	103.6	159.6	166.1
Mathews	130.7	540.0	451.5	750.0	214.7	107.3	117.5	64.3
Mecklenburg	2,398.6	4,548.6	2,157.3	3,129.2	6,935.6	3,780.4	805.4	527.7
Middlesex	857.5	954.9	964.4	NA	498.8	508.8	403.8	616.4
Montgomery	16,745.3	19,881.7	5,380.9	4,417.7	756.8	2,352.9	3,498.1	2,950.3
Nelson	1,034.8	1,683.1	1,288.8	391.7	2,274.5	1,748.4	706.7	634.1
New Kent	458.6	792.3	775.0	808.8	424.8	799.7	4,268.6	102.1
Northampton	1,395.0	263.1	216.0	767.9	755.7	523.1	363.0	1,817.2
Northumberland	170.0	234.0	350.0	270.0	NA	335.7	334.2	462.4
Nottoway	2,043.2	3,498.8	1,824.0	1,222.1	300.4	844.4	19.8	1,305.6

CONTINUED

TABLE 3.13

Value of Nonresidential Building Permits Issued in Virginia's
Counties and Cities: 1981-1988, *CONTINUED*

	1988	1987	1986	1985	1984	1983	1982	1981
Orange	3,655.7	1,003.3	8,477.4	629.9	502.0	1,944.6	288.7	518.2
Page	1,899.0	2,870.0	6,525.7	1,698.0	1,456.7	2,168.1	513.4	1,422.7
Patrick	396.0	1,073.3	1,246.0	2,348.0	666.6	1,678.0	147.0	242.2
Pittsylvania	6,143.3	10,576.8	4,077.9	6,086.2	2,371.7	2,942.1	1,694.6	2,259.7
Powhatan	949.0	330.0	152.0	662.0	1,202.5	144.0	52.0	515.0
Prince Edward	1,635.1	1,040.7	2,013.2	33,339.4	2,983.6	3,260.2	396.7	1,783.4
Prince George	10,616.8	10,614.7	2,614.9	12,079.8	1,211.8	1,206.7	7,021.4	1,029.1
Prince William	61,056.8	49,241.5	60,941.9	74,246.9	26,230.5	22,718.1	33,136.1	10,262.8
Pulaski	5,621.5	2,018.1	632.2	560.3	432.8	972.5	4,843.6	1,917.7
Rappahannock	NA	NA	804.0	423.3	474.5	679.9	1,365.1	122.8
Richmond	NA	NA	NA	NA	674.4	183.0	86.8	3,446.5
Roanoke	11,481.2	12,163.4	9,822.0	15,489.9	9,488.9	9,009.1	6,006.2	7,039.1
Rockbridge	3,533.0	5,895.8	693.3	961.5	993.7	435.6	1,119.9	752.0
Rockingham	10,256.4	44,420.9	26,643.6	9,674.9	4,800.6	12,413.0	5,958.8	17,093.7
Russell	90.0	481.9	415.0	507.0	1,017.3	1,359.0	2,331.0	664.0
Scott	2,812.9	649.9	366.0	1,423.0	2,380.6	3,486.5	354.0	3,524.0
Shenandoah	3,998.9	2,908.5	5,864.5	11,520.8	731.3	2,833.4	3,599.5	4,841.1
Smyth	8,664.2	6,319.5	3,481.0	3,552.0	2,206.1	1,140.0	851.0	957.0
Southampton	1,385.0	3,838.9	446.8	2,759.8	716.5	630.4	749.4	549.5
Spotsylvania	19,908.3	19,549.2	22,785.0	10,504.4	19,325.5	7,391.8	7,340.2	8,323.9
Stafford	15,864.7	15,838.3	2,768.6	5,705.2	1,836.1	1,565.7	576.8	6,587.1
Surry	18,532.0	5,095.1	1,159.0	9,240.0	4,423.0	NA	272.0	1,200.0
Sussex	6,471.4	3,954.0	226.5	347.0	148.5	640.0	458.0	623.0
Tazewell	1,787.0	7,982.1	5,963.5	3,947.7	2,146.1	4,269.7	6,882.4	20,654.9
Warren	NA	3,376.5	2,826.5	4,564.8	1,471.8	1,371.9	1,063.8	1,518.0
Washington	6,795.3	3,800.6	2,567.3	3,219.4	3,093.5	2,685.1	833.6	932.1
Westmoreland	NA	NA	10.0	NA	NA	269.0	NA	NA
Wise	3,038.0	2,823.4	987.6	672.9	8,500.2	8,579.9	6,467.8	3,519.3
Wythe	16,038.3	2,173.7	1,576.8	1,944.6	3,407.9	614.7	352.6	927.5
York	9,394.6	12,718.5	8,600.3	11,167.3	6,964.1	21,024.4	2,470.8	4,810.8
Cities								
Alexandria	128,867.8	44,216.9	36,045.6	40,207.8	6,100.4	94,726.7	24,396.8	66,373.5
Bedford	1,140.0	567.0	3,301.7	624.7	1,562.2	714.1	655.2	30.0
Bristol	2,014.7	3,665.7	2,091.6	2,667.3	3,713.7	943.9	1,827.3	3,631.2
Buena Vista	5,188.0	NA	2,299.8	4,700.0	70.0	230.5	21.0	320.5
Charlottesville	7,973.4	4,162.4	6,801.8	6,984.6	5,640.9	5,919.1	9,338.6	5,776.6
Chesapeake	56,901.3	41,245.9	59,893.9	35,988.9	25,812.0	15,676.0	8,694.1	13,503.9
Clifton Forge	NA	11.0	1,304.7	NA	NA	0.2	3,021.7	NA
Colonial Heights	26,011.1	2,745.0	1,072.9	2,338.4	673.4	656.4	365.9	145.4
Covington	1,161.0	90.0	515.0	1,167.2	5,577.0	120.0	NA	297.5
Danville	5,060.4	2,891.1	2,598.2	2,330.3	11,475.7	6,446.4	4,987.9	4,130.7
Emporia	2,960.3	2,335.5	565.8	215.4	299.9	2,184.4	357.7	581.4
Fairfax	13,156.0	14,706.6	27,099.7	24,337.5	22,637.2	11,883.5	738.4	3,101.5
Falls Church	137.0	2,205.0	1,066.1	2,558.3	14,141.4	21.4	2,890.0	1,050.0
Franklin	8,921.0	882.8	3,018.9	308.6	362.1	226.8	380.8	1,044.7
Fredericksburg	4,750.0	1,785.2	2,381.4	2,200.4	911.1	855.6	960.5	2,684.4
Galax	2,527.8	619.7	5,161.4	1,430.1	821.5	2,706.4	2,143.5	1,683.0
Hampton	22,570.5	21,994.9	46,856.0	22,978.1	17,685.1	10,614.9	12,587.2	15,021.0
Harrisonburg	10,962.9	17,088.1	8,482.3	20,228.1	6,652.9	7,834.5	293.9	4,983.4
Hopewell	10,751.9	1,121.9	80,525.1	543.7	1,282.8	547.9	378.9	1,073.2
Lexington	7,360.0	NA	6,400.0	75.0	NA	NA	4,240.0	4,075.3
Lynchburg	12,726.7	19,244.6	16,376.9	20,042.8	9,828.8	6,202.5	11,058.7	11,106.4
Manassas	24,042.9	10,687.4	10,622.4	11,900.0	3,070.2	1,030.0	7,952.3	3,449.8
Manassas Park	3,657.4	9,464.1	5,887.5	3,244.2	2,800.0	812.0	255.0	137.6
Martinsville	9,031.0	804.5	1,580.0	2,112.2	910.2	75.0	622.7	819.7
Newport News	50,054.1	49,590.7	95,135.8	43,934.5	29,894.6	34,601.6	57,229.3	13,434.8
Norfolk	20,173.4	18,488.1	50,500.5	66,012.4	25,950.7	18,901.1	40,282.0	23,565.4
Norton	647.0	90.8	185.0	180.0	NA	532.0	NA	522.0

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TABLE 3.13
Value of Nonresidential Building Permits Issued in Virginia's
Counties and Cities: 1981-1988, *CONTINUED*

	1988	1987	1986	1985	1984	1983	1982	1981
Petersburg	3,061.1	924.3	5,232.2	1,747.8	5,620.1	1,523.4	568.8	1,468.3
Poquoson	373.0	3,178.3	1,572.3	116.0	418.7	10.0	79.2	140.5
Portsmouth	16,116.9	8,960.7	41,748.7	13,289.0	8,432.2	4,788.9	5,558.5	6,008.8
Radford	380.0	1,001.7	1,081.2	NA	110.3	174.0	5,367.9	378.8
Richmond	90,628.5	43,379.7	14,227.5	36,483.0	22,240.3	52,834.8	15,482.9	69,105.9
Roanoke	27,233.3	17,423.2	19,026.3	15,648.2	53,289.3	16,013.0	22,006.5	8,604.7
Salem	10,468.7	4,201.9	3,704.9	7,627.1	4,012.7	4,274.5	1,049.0	2,884.4
South Boston	1,043.4	124.0	1,153.7	2,129.0	387.1	143.0	132.4	2,357.1
Staunton	2,734.3	1,050.3	1,678.3	451.9	3,682.4	978.5	616.0	261.7
Suffolk	21,479.1	19,790.1	5,702.2	3,855.7	8,421.6	4,897.7	13,991.3	2,542.1
Virginia Beach	70,552.8	72,533.3	99,516.1	68,707.3	84,190.7	61,449.9	40,749.5	31,904.2
Waynesboro	8,690.9	2,165.3	599.6	808.6	321.5	596.5	316.0	554.0
Williamsburg	1,464.7	7,140.4	4,540.6	3,789.4	971.9	9,748.7	1,036.7	414.1
Winchester	3,473.2	67,083.0	4,269.0	11,156.5	3,159.4	4,558.4	2,297.7	6,638.7
MSAs								
Bristol (Va. portion)	11,622.8	8,116.2	5,024.9	7,309.7	9,187.8	7,115.5	3,014.9	8,087.3
Charlottesville	35,510.7	21,320.6	22,589.3	23,203.2	16,372.6	13,498.8	13,760.6	14,460.7
Danville	11,203.7	13,467.9	6,676.1	8,416.5	13,847.4	9,388.5	6,682.5	6,390.4
Lynchburg	27,706.6	28,700.3	23,098.1	27,157.3	21,500.0	11,836.4	15,239.9	16,444.3
Norfolk	324,651.8	260,660.1	436,199.9	278,392.7	225,475.0	188,474.3	190,731.3	114,712.1
Northern Virginia	1,353,961.0	1,041,137.1	852,841.3	599,061.8	641,822.9	478,283.8	315,459.3	278,890.4
Richmond	363,340.7	236,454.0	226,019.8	178,539.2	82,219.6	104,924.6	71,932.1	150,212.5
Roanoke	50,398.3	35,447.5	32,553.2	39,669.1	67,283.0	32,335.9	29,969.0	19,049.0
Planning Districts								
LENOWISCO	6,967.9	4,037.5	2,931.1	4,286.4	13,071.0	13,030.4	15,276.2	7,751.3
Cumberland Plateau	4,402.7	10,310.2	10,069.8	7,915.7	10,400.2	15,270.0	19,000.5	27,926.8
Mount Rogers	39,185.9	20,235.2	16,721.4	14,751.6	17,048.3	10,787.1	7,358.3	9,354.0
New River Valley	27,845.8	24,620.2	8,987.4	7,462.5	2,618.5	4,115.9	15,014.9	10,994.2
Fifth	52,373.4	35,548.5	34,941.9	70,552.5	76,659.4	32,845.5	34,058.8	19,346.5
Central								
Shenandoah	69,102.0	84,327.3	62,537.0	46,458.8	20,255.4	42,462.0	15,755.7	33,723.4
Lord Fairfax	20,219.1	89,418.4	33,838.3	41,106.4	11,879.8	20,076.0	17,106.9	16,697.5
Northern Virginia	1,338,096.3	1,025,298.8	850,072.7	593,356.6	639,986.8	476,718.1	314,882.5	272,303.3
Rappahannock-								
Rapidan	18,908.2	14,341.7	25,257.9	17,890.8	15,726.0	11,524.8	7,898.2	7,655.1
Thomas Jefferson	38,797.9	26,500.2	25,019.2	25,081.8	19,655.5	17,630.7	14,687.4	22,038.4
Central Virginia								
West Piedmont	29,101.6	34,711.2	26,399.8	28,142.4	25,055.3	15,129.6	16,525.7	20,117.7
Southside	56,530.0	29,593.0	27,718.2	24,403.5	28,809.4	22,445.8	16,529.5	14,311.1
Piedmont	6,612.8	7,219.9	5,787.3	7,587.3	10,301.2	4,538.2	1,353.1	4,369.6
Richmond	9,991.0	6,912.1	6,283.6	36,254.6	5,089.6	5,869.8	2,869.2	6,366.0
Regional	311,570.9	220,234.6	136,257.7	161,476.2	72,880.7	100,600.2	63,442.2	146,137.2

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TABLE 3.13

Value of Nonresidential Building Permits Issued in Virginia's
Counties and Cities: 1981-1988, *CONTINUED*

	1988	1987	1986	1985	1984	1983	1982	1981
RADCO	41,961.0	39,324.8	30,267.1	19,009.6	23,113.8	13,770.3	11,647.2	22,859.5
Northern Neck	4,322.4	4,010.0	6,476.7	6,640.8	1,981.0	5,820.4	885.2	4,167.0
Middle Peninsula	16,383.5	5,209.7	7,894.0	5,448.0	5,672.3	4,145.9	1,919.8	1,788.4
Crater	79,733.5	28,174.4	94,771.0	27,084.5	17,535.6	7,702.8	9,577.6	6,748.1
Southeastern Virginia	202,042.8	165,739.8	260,827.1	190,921.7	153,885.8	108,526.0	123,141.1	87,463.7
Peninsula	127,210.7	97,062.0	175,968.5	86,143.4	68,931.8	79,832.4	80,479.9	36,224.6
Accomack- Northampton	4,066.1	2,780.5	6,105.0	2,478.2	2,203.1	1,450.9	1,326.3	2,592.9

SOURCE: Martin, Julia H. and Michael A. Spar. *Housing Units Authorized in Virginia's Counties and Cities*. Center for Public Service, University of Virginia, Charlottesville, Virginia, annual.

NOTES: In thousands of dollars.

†In millions of dollars.

NA--Not available.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 3.14

Financial Characteristics of Owner-Occupied Housing Units, Virginia: 1980

Value Category	Owner- Occupied Housing Units	Owner-Occupied Condominium Housing Units	Price Asked, Vacant for Sale Housing Units
Total Units	947,538	27,844	17,172
Less than \$10,000	29,151	11	574
\$10,000 to \$14,999	29,083	21	493
\$15,000 to \$19,999	39,165	89	715
\$20,000 to \$24,999	55,170	231	830
\$25,000 to \$29,999	61,478	635	1,004
\$30,000 to \$34,999	74,130	1,631	948
\$35,000 to \$39,999	76,263	2,490	1,310
\$40,000 to \$49,999	135,677	5,653	1,999
\$50,000 to \$59,999	107,988	4,425	1,901
\$60,000 to \$79,999	154,209	6,666	3,107
\$80,000 to \$99,999	84,212	3,622	1,613
\$100,000 to \$149,999	74,824	1,999	1,674
\$150,000 to \$199,999	17,233	256	683
\$200,000 or more	8,955	115	321
Median	\$48,000	\$56,800	\$53,700

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Housing. *General Housing Characteristics Virginia*. U.S. Government Printing Office, Washington, D.C., 1982.



TABLE 3.15

Median Value of Housing in Virginia's Counties and Cities: 1970 and 1980

	Median Housing Value		Percent Change
	1980	1970	
Virginia	\$48,000	\$17,100	180.7%
Counties			
Accomack	26,300	6,900	281.2
Albemarle	60,800	25,300	140.3
Alleghany	33,000	14,400	129.2
Amelia	32,600	13,900	134.5
Amherst	36,200	15,300	136.6
Appomattox	33,200	12,000	176.7
Arlington	92,900	29,400	216.0
Augusta	40,500	13,600	197.8
Bath	28,100	8,300	238.6
Bedford	40,600	12,400	227.4
Bland	31,200	7,100	339.4
Botetourt	43,100	11,800	265.2
Brunswick	26,900	9,400	186.2
Buchanan	30,800	7,200	327.8
Buckingham	25,600	7,900	224.0
Campbell	39,700	15,800	151.3
Caroline	34,500	10,400	221.7
Carroll	27,400	9,100	201.1
Charles City	27,200	6,700	306.0
Charlotte	26,600	8,500	212.9
Chesterfield	54,400	20,800	161.5
Clarke	43,600	15,400	183.1
Craig	32,000	10,400	207.7
Culpeper	45,600	16,000	185.0
Cumberland	31,100	10,700	190.6
Dickenson	26,600	6,700	297.0
Dinwiddie	35,900	13,800	160.1
Essex	39,600	13,500	193.3
Fairfax	95,200	35,300	169.7
Fauquier	66,800	18,500	261.1
Floyd	33,700	12,000	180.8
Fluvanna	36,800	16,300	125.8
Franklin	35,100	13,400	161.9
Frederick	45,000	17,800	152.8
Giles	31,200	11,500	171.3
Gloucester	45,800	15,100	203.3
Goochland	43,400	12,300	252.8
Grayson	26,100	9,500	174.7
Greene	44,000	12,300	257.7
Greensville	28,700	8,600	233.7
Halifax	28,700	11,100	158.6
Hanover	52,700	19,100	175.9
Henrico	47,400	18,100	161.9
Henry	32,900	13,000	153.1
Highland	33,000	11,800	179.7
Isle of Wight	39,600	12,000	230.0
James City	52,700	17,800	196.1
King and Queen	32,300	10,200	216.7
King George	46,200	15,800	192.4
King William	41,000	15,200	169.7
Lancaster	40,900	12,500	272.2
Lee	24,100	5,000	382.0
Loudoun	71,100	25,300	181.0

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TABLE 3.15
Median Value of Housing in Virginia's Counties
and Cities: 1970 and 1980, *CONTINUED*

	Median Housing Value		Percent Change
	1980	1970	
Louisa	32,400	9,400	244.7
Lunenburg	25,900	9,600	169.8
Madison	37,500	11,800	217.8
Mathews	41,600	12,000	246.7
Mecklenburg	27,100	11,300	139.8
Middlesex	39,400	10,500	275.2
Montgomery	43,100	14,500	197.2
Nelson	26,800	8,500	215.3
New Kent	43,200	9,900	336.4
Northampton	25,200	7,600	231.6
Northumberland	38,200	10,000	282.0
Nottoway	26,000	10,100	157.4
Orange	39,900	12,800	211.7
Page	34,100	11,600	194.0
Patrick	31,300	10,300	203.9
Pittsylvania	29,100	10,100	188.1
Powhatan	45,000	11,600	287.9
Prince Edward	33,000	12,300	168.3
Prince George	48,400	16,900	186.4
Prince William	65,000	24,400	166.4
Pulaski	32,400	10,500	208.6
Rappahannock	39,100	9,600	307.3
Richmond	34,800	11,100	213.5
Roanoke	49,600	18,800	163.8
Rockbridge	33,600	9,300	261.3
Rockingham	41,100	13,200	211.4
Russell	33,700	8,000	321.2
Scott	27,200	9,900	174.7
Shenandoah	38,600	12,500	208.8
Smyth	29,300	10,000	193.0
Southampton	35,100	11,600	202.6
Spotsylvania	48,700	12,000	305.8
Stafford	55,900	16,100	247.2
Surry	26,600	7,600	250.0
Sussex	26,900	9,900	171.7
Tazewell	35,700	9,000	296.7
Warren	40,500	15,500	161.3
Washington	36,100	11,300	219.5
Westmoreland	35,600	10,900	226.6
Wise	31,600	6,600	378.8
Wythe	30,700	10,000	207.0
York	58,500	20,700	182.6
Cities			
Alexandria	93,300	27,200	243.0
Bedford	36,300	13,700	165.0
Bristol	33,000	11,500	187.0
Buena Vista	28,100	11,400	146.5
Charlottesville	50,000	20,400	145.1
Chesapeake	47,100	16,000	194.4
Clifton Forge	25,800	11,200	130.4
Colonial Heights	44,800	16,900	165.1
Covington	26,600	10,800	146.3
Danville	30,500	12,400	146.0
Emporia	34,100	14,700	132.0
Fairfax	80,500	31,600	154.7
Falls Church	89,300	29,500	202.7

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TABLE 3.15
Median Value of Housing in Virginia's Counties
and Cities: 1970 and 1980, *CONTINUED*

	Median Housing Value		Percent Change
	1980	1970	
Franklin	35,400	15,200	132.9
Fredericksburg	48,700	19,100	155.0
Galax	29,300	11,500	154.8
Hampton	38,900	16,600	134.3
Harrisonburg	52,600	18,100	190.6
Hopewell	34,900	14,200	145.8
Lexington	45,800	18,100	153.0
Lynchburg	37,400	13,500	177.0
Manassas	68,000	24,000	183.3
Manassas Park	40,200	15,400	161.0
Martinsville	32,400	14,800	118.9
Newport News	44,800	19,000	135.8
Norfolk	39,100	15,600	147.5
Norton	36,100	9,400	284.0
Petersburg	34,200	13,100	161.1
Poquoson	60,700	16,600	265.7
Portsmouth	36,600	13,600	169.1
Radford	37,300	14,100	164.5
Richmond	37,800	15,400	145.4
Roanoke	32,900	13,100	151.1
Salem	40,700	15,500	162.6
South Boston	27,100	14,000	93.6
Staunton	40,100	16,900	137.3
Suffolk	38,000	12,600	201.6
Virginia Beach	58,500	21,600	170.8
Waynesboro	39,700	17,300	129.5
Williamsburg	61,600	27,500	124.0
Winchester	43,500	17,600	144.4

SOURCE: Sheatsley, David W. *Taking Stock: Virginia's Housing Inventory, 1980*. Tayloe Murphy Institute, University of Virginia, Charlottesville, Virginia, 1984.

TABLE 3.16
Financial Characteristics of Renter-Occupied Housing Units, Virginia: 1980

Monthly Rent Category	Contract Rent	Gross Rent	Rent Asked
Total units	585,210	590,197	43,006
Less than \$50	22,594	5,214	1,812
\$50 to \$59	13,016	4,620	861
\$60 to \$79	25,629	9,609	2,057
\$80 to \$99	22,223	11,155	1,924
\$100 to \$119	30,630	13,658	2,940
\$120 to \$149	45,465	27,746	3,915
\$150 to \$169	45,605	25,901	4,557
\$170 to \$199	56,304	50,918	4,192
\$200 to \$249	95,524	109,242	6,893
\$250 to \$299	78,092	107,924	5,651
\$300 to \$349	52,412	75,718	3,592

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TABLE 3.16
Financial Characteristics of Renter-Occupied
Housing Units, Virginia: 1980, *CONTINUED*

Monthly Rent Category	Contract Rent	Gross Rent	Rent Asked
\$350 to \$399	31,471	45,934	2,183
\$400 to \$499	23,225	40,706	1,616
\$500 or more	8,544	27,692	813
No cash rent	34,376	34,160	...
Median	\$207	\$259	\$192

SOURCES: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Housing, *General Housing Characteristics Virginia*; U.S. Government Printing Office, Washington, D.C., 1982; U.S. Department of Commerce, Bureau of the Census, 1980 Census of Housing, *Detailed Housing Characteristics Virginia*; U.S. Government Printing Office, Washington, D.C., 1983.

NOTES: "Contract Rent" is the rent agreed to, or contracted for, regardless of any furnishing, utilities, or services that may be included.
"Gross Rent" is contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are paid for by the renter.
"Rent Asked" is for vacant units.

TABLE 3.17
Median Contract Rent for Virginia's Counties and Cities: 1970 and 1980

	Median Contract Rent		Percent Change 1970-1980
	1980	1970	
Virginia	\$207	\$92	125.0%
Counties			
Accomack	69	30	130.0
Albemarle	244	125	95.2
Alleghany	101	53	90.6
Amelia	107	50	114.0
Amherst	136	61	123.0
Appomattox	114	45	153.3
Arlington	293	140	109.3
Augusta	155	61	154.1
Bath	145	45	222.2
Bedford	127	51	149.0
Bland	79	30	163.3
Botetourt	125	48	160.4
Brunswick	60	31	93.6
Buchanan	101	30	236.7
Buckingham	74	30	146.7
Campbell	150	63	138.1
Caroline	113	51	121.6
Carroll	106	45	135.6
Charles City	97	30	223.3
Charlotte	59	30	96.7
Chesterfield	231	98	135.7
Clarke	138	54	155.6
Craig	71	30	136.7
Culpeper	159	65	144.6
Cumberland	86	38	126.3

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TABLE 3.17
Median Contract Rent for Virginia's Counties
and Cities: 1970 and 1980, *CONTINUED*

	Median Contract Rent		Percent Change 1970-1980
	1980	1970	
Dickenson	100	30	233.3
Dinwiddie	109	77	41.6
Essex	132	46	187.0
Fairfax	333	164	103.3
Fauquier	198	82	141.5
Floyd	99	36	175.0
Fluvanna	131	40	227.5
Franklin	114	47	142.6
Frederick	152	66	130.3
Giles	102	43	137.2
Gloucester	160	67	138.8
Goochland	123	59	108.5
Grayson	78	35	122.9
Greene	154	50	208.0
Greensville	62	30	106.7
Halifax	67	42	59.5
Hanover	176	66	166.6
Henrico	236	112	110.7
Henry	124	50	148.0
Highland	166	30	453.3
Isle of Wight	102	46	121.7
James City	206	97	112.4
King and Queen	96	30	220.0
King George	159	81	96.3
King William	93	48	93.8
Lancaster	126	54	133.3
Lee	94	30	213.3
Loudoun	257	102	152.0
Louisa	129	49	163.3
Lunenburg	76	48	58.3
Madison	111	35	217.1
Mathews	127	56	126.8
Mecklenburg	68	43	58.1
Middlesex	124	46	169.9
Montgomery	200	95	110.5
Nelson	86	35	145.7
New Kent	155	67	131.1
Northampton	58	30	93.3
Northumberland	104	34	205.9
Nottoway	96	48	100.0
Orange	150	55	172.7
Page	113	50	126.0
Patrick	93	42	121.4
Pittsylvania	88	40	120.0
Powhatan	154	41	275.6
Prince Edward	114	53	115.1
Prince George	221	108	104.6
Prince William	265	131	102.3
Pulaski	134	55	143.6
Rappahannock	122	48	154.2
Richmond	113	50	126.0
Roanoke	217	87	149.4
Rockbridge	121	59	105.1
Rockingham	150	58	158.6
Russell	116	40	190.0
Scott	91	39	133.3
Shenandoah	123	51	141.2

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TABLE 3.17
Median Contract Rent for Virginia's Counties
and Cities: 1970 and 1980, *CONTINUED*

	Median Contract Rent		Percent Change 1970-1980
	1980	1970	
Smyth	121	51	137.3
Southampton	56	30	86.7
Spotsylvania	205	69	197.1
Stafford	212	75	182.7
Surry	101	34	197.1
Sussex	67	38	76.3
Tazewell	133	39	241.0
Warren	148	59	150.8
Washington	125	55	127.3
Westmoreland	111	57	94.7
Wise	129	37	248.6
Wythe	106	45	135.6
York	235	92	155.4
Cities			
Alexandria	306	141	117.0
Bedford	114	59	93.2
Bristol	124	56	121.4
Buena Vista	106	52	103.8
Charlottesville	206	104	98.1
Chesapeake	181	69	162.3
Clifton Forge	99	55	80.0
Colonial Heights	191	94	103.2
Covington	94	55	70.9
Danville	103	53	94.3
Emporia	83	46	80.4
Fairfax	313	154	103.2
Falls Church	346	145	138.6
Franklin	92	50	84.0
Fredericksburg	188	79	138.0
Galax	98	43	127.9
Hampton	190	99	91.9
Harrisonburg	163	68	139.7
Hopewell	161	82	96.3
Lexington	129	64	101.6
Lynchburg	154	66	133.3
Manassas	252	135	86.7
Manassas Park	241	117	106.0
Martinsville	123	56	119.6
Newport News	183	83	120.5
Norfolk	172	83	107.2
Norton	151	54	179.6
Petersburg	151	60	151.7
Poquoson	229	77	197.4
Portsmouth	149	62	140.3
Radford	158	71	122.5
Richmond	177	79	124.0
Roanoke	150	73	105.5
Salem	184	83	121.7
South Boston	101	41	146.3

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TABLE 3.17
Median Contract Rent for Virginia's Counties
and Cities: 1970 and 1980, CONTINUED

	Median Contract Rent		Percent Change 1970-1980
	1980	1970	
Staunton	152	67	126.9
Suffolk	103	52	98.1
Virginia Beach	256	127	101.6
Waynesboro	154	74	108.1
Williamsburg	239	112	113.4
Winchester	159	66	140.9

SOURCE: Sheatsley, David W. *Taking Stock: Virginia's Housing Inventory, 1980* Tayloe Murphy Institute, University of Virginia, Charlottesville, Virginia, 1984.

NOTE: "Median Contract Rent" in dollars per month.

TABLE 3.18
Total Housing Units for Virginia's Counties and Cities: 1970 and 1980

	Total Housing Units		Change, 1970-1980	
	1980	1970	Number	Percent
Virginia	2,020,941	1,493,707	527,234	35.3%
Counties				
Accomack	13,815	11,729	2,086	17.8
Albemarle	20,363	11,738	8,625	73.5
Alleghany	5,433	4,128	1,305	31.6
Amelia	3,016	2,331	685	29.4
Amherst	9,672	6,966	2,706	38.8
Appomattox	4,509	3,303	1,206	36.5
Arlington	75,182	71,241	3,941	5.5
Augusta	19,613	14,016	5,597	39.9
Bath	2,537	2,240	297	13.3
Bedford	13,892	8,917	4,975	55.7
Bland	2,265	1,873	392	20.9
Botetourt	8,710	6,180	2,530	40.9
Brunswick	6,195	4,982	1,213	24.3
Buchanan	12,772	8,973	3,799	42.3
Buckingham	4,542	3,375	1,167	34.6
Campbell	16,341	13,670	2,671	19.5
Caroline	6,527	4,110	2,417	58.8
Carroll	11,685	8,128	3,557	43.8
Charles City	2,172	1,576	596	37.8
Charlotte	4,561	3,853	708	18.4
Chesterfield	48,883	22,554	26,329	116.7
Clarke	3,961	3,071	890	29.0
Craig	1,873	1,378	495	35.9
Culpeper	8,271	5,860	2,411	41.1
Cumberland	3,060	2,090	970	46.4
Dickenson	6,904	5,076	1,828	36.0
Dinwiddie	6,838	6,120	718	11.7
Essex	4,082	2,784	1,298	46.6
Fairfax	215,739	130,817	84,922	64.9
Fauquier	12,565	8,437	4,128	48.9

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TABLE 3.18
Total Housing Units for Virginia's Counties
and Cities: 1970 and 1980, *CONTINUED*

	Total Housing Units		Change, 1970-1980	
	1980	1970	Number	Percent
Floyd	4,915	3,613	1,302	36.0
Fluvanna	3,828	2,496	1,332	53.4
Franklin	13,512	9,164	4,348	47.4
Frederick	12,759	9,492	3,267	34.4
Giles	6,733	5,636	1,097	19.5
Gloucester	8,312	5,294	3,018	57.0
Goochland	4,031	2,873	1,158	40.3
Grayson	6,790	5,596	1,194	21.3
Greene	3,059	1,627	1,432	88.0
Greensville	3,792	2,824	968	34.3
Halifax	11,350	9,528	1,822	19.1
Hanover	17,278	10,948	6,330	57.8
Henrico	70,428	49,527	20,901	42.2
Henry	20,968	15,726	5,242	33.3
Highland	1,463	1,169	294	25.1
Isle of Wight	7,705	5,457	2,248	41.2
James City	8,672	5,073	3,599	70.9
King and Queen	2,510	1,831	679	37.1
King George	3,997	2,719	1,278	47.0
King William	3,441	2,417	1,024	42.4
Lancaster	5,107	3,940	1,167	29.6
Lee	9,659	7,289	2,370	32.5
Loudoun	19,742	11,381	8,361	73.5
Louisa	7,063	4,892	2,171	44.4
Lunenburg	4,808	3,999	809	20.2
Madison	5,997	3,001	996	33.2
Mathews	4,225	3,362	863	25.7
Mecklenburg	13,036	9,774	3,262	33.4
Middlesex	4,936	3,523	1,413	40.1
Montgomery	22,386	14,568	7,818	53.7
Nelson	5,500	4,010	1,490	37.2
New Kent	3,256	1,641	1,615	98.4
Northampton	6,132	5,798	334	5.8
Northumberland	5,584	4,339	1,245	28.7
Nottoway	5,619	4,787	832	17.4
Orange	7,358	4,918	2,440	49.6
Page	8,329	5,938	2,391	40.3
Patrick	7,054	5,491	1,563	28.5
Pittsylvania	24,255	17,975	6,280	34.9
Powhatan	3,838	1,968	1,870	95.0
Prince Edward	5,548	4,376	1,172	26.8
Prince George	6,944	5,867	1,077	18.4
Prince William	46,490	25,495	20,995	82.3
Pulaski	13,736	10,055	3,681	36.6
Rappahannock	2,704	2,024	680	33.6
Richmond	3,007	2,373	634	26.7
Roanoke	26,800	21,291	5,509	25.9
Rockbridge	7,125	5,590	1,535	27.5
Rockingham	20,862	15,278	5,584	36.6
Russell	11,518	7,619	3,899	51.2
Scott	9,778	8,136	1,642	20.2
Shenandoah	12,000	8,773	3,227	36.8
Smyth	12,313	9,728	2,585	26.6
Southampton	6,256	5,440	816	15.0
Spotsylvania	11,850	5,196	6,654	128.1

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TABLE 3.18
Total Housing Units for Virginia's Counties
and Cities: 1970 and 1980, *CONTINUED*

	Total Housing Units		Change, 1970-1980	
	1980	1970	Number	Percent
Stafford	13,271	7,316	5,955	81.4
Surry	2,724	2,041	683	33.5
Sussex	3,958	3,257	701	21.5
Tazewell	18,274	12,878	5,396	41.9
Warren	9,516	5,992	3,524	58.8
Washington	17,884	13,522	4,362	32.3
Westmoreland	7,471	5,618	1,853	33.0
Wise	15,666	11,548	4,118	35.2
Wythe	9,833	7,274	2,559	35.2
York	11,427	7,518	3,909	52.0
Cities				
Alexandria	52,041	44,424	7,617	17.1
Bedford	2,608	2,057	551	26.8
Bristol	7,744	5,069	2,675	52.8
Buena Vista	2,406	1,980	426	21.5
Charlottesville	15,998	14,291	1,707	11.9
Chesapeake	38,060	25,867	12,193	47.1
Clifton Forge	2,064	2,011	53	2.6
Colonial Heights	6,078	4,901	1,177	24.0
Covington	3,734	3,565	169	4.7
Danville	18,405	16,291	2,114	13.0
Emporia	1,951	1,816	135	7.4
Fairfax	7,050	6,262	788	12.6
Falls Church	4,503	3,762	741	19.7
Franklin	2,688	2,206	482	21.8
Fredericksburg	6,347	4,813	1,534	31.9
Galax	2,811	2,278	533	23.4
Hampton	43,671	36,556	7,115	19.5
Harrisonburg	6,170	4,514	1,656	36.7
Hopewell	9,291	7,650	1,641	21.5
Lexington	2,389	2,260	129	5.7
Lynchburg	25,421	18,398	7,023	38.2
Manassas	5,511	2,854	2,657	93.1
Manassas Park	1,931	1,536	395	25.7
Martinsville	7,079	6,359	720	11.3
Newport News	54,994	41,692	13,302	31.9
Norfolk	94,871	91,061	3,810	4.2
Norton	1,839	1,480	359	24.3
Petersburg	16,139	11,999	4,140	34.5
Poquoson	2,954	1,739	1,215	69.9
Portsmouth	38,611	36,469	2,142	5.9
Radford	4,162	3,287	875	26.6
Richmond	91,527	87,027	4,500	5.2
Roanoke	42,690	33,637	9,053	26.9
Salem	9,017	6,922	2,095	30.3
South Boston	2,816	2,414	402	16.7
Staunton	8,630	7,740	890	11.5
Suffolk	16,719	13,865	2,854	20.6
Virginia Beach	92,032	47,957	44,075	91.9
Waynesboro	6,202	5,519	683	12.4
Williamsburg	3,041	2,591	450	17.4
Winchester	8,386	5,263	3,123	59.3
MSAs				
Bristol (Va. portion)	35,406	26,727	8,679	32.5
Charlottesville	43,248	30,152	13,096	43.4

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TABLE 3.18
Total Housing Units for Virginia's Counties
and Cities: 1970 and 1980, *CONTINUED*

	Total Housing Units		Change, 1970-1980	
	1980	1970	Number	Percent
Danville	42,660	34,266	8,394	24.5
Lynchburg	51,434	39,034	12,400	31.8
Norfolk	413,364	315,682	97,682	30.9
Northern Virginia	441,460	305,088	136,372	44.7
Richmond	286,703	214,651	72,052	33.6
Roanoke	87,217	68,030	19,187	28.2
Planning Districts				
LENOWISCO	36,942	28,453	8,489	29.8
Cumberland Plateau	49,468	34,546	14,922	43.2
Mount Rogers	71,325	53,468	17,857	33.4
New River Valley	51,932	37,159	14,773	39.8
Fifth	100,321	79,112	21,209	26.8
Central Shenandoah	77,397	60,306	17,091	28.3
Lord Fairfax	54,951	38,529	16,422	42.6
Northern Virginia	428,189	297,772	130,417	43.8
Rappahannock-Rapidan	34,895	24,240	10,655	44.0
Thomas Jefferson	55,811	39,054	16,757	42.9
Central Virginia	72,443	53,311	19,132	35.9
West Piedmont	91,273	71,006	20,267	28.5
Southside	33,397	26,698	6,699	25.1
Piedmont	31,154	24,811	6,343	25.6
Richmond Regional	241,413	178,114	63,299	35.5
RADCO	41,992	24,154	17,838	73.9
Northern Neck	21,169	16,270	4,899	30.1
Middle Peninsula	27,506	19,211	8,295	43.2
Crater	57,715	46,475	11,240	24.2
Southeastern Virginia	296,942	228,322	68,620	30.1
Peninsula	124,759	95,169	29,590	31.1
Accomack-Norhampton	19,947	17,527	2,420	13.8

SOURCES: Sheatsley, David W. *Taking Stock: Virginia's Housing Inventory, 1980*. Tayloe Murphy Institute, University of Virginia, Charlottesville, Virginia, 1984; U.S. Department of Commerce, Bureau of the Census, 1970 Census of Housing. *General Housing Characteristics: Virginia*. U.S. Government Printing Office, Washington, D.C., 1971.

NOTES: A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
 A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.



TABLE 3.19
Housing Units by Type for Virginia's Counties and Cities: 1970 and 1980

	1980			1970		
	Single Family Units	Multi-Family Units	Mobile Homes	Single Family Units	Multi-Family Units	Mobile Homes
Virginia	1,437,748	466,867	95,460	1,109,621	324,910	50,421
Counties						
Accomack	11,165	759	1,225	10,415	427	567
Albemarle	13,895	5,086	1,268	9,041	1,878	785
Alleghany	4,523	259	520	3,673	143	230
Amelia	2,368	155	453	2,099	73	154
Amherst	7,912	878	782	6,005	555	388
Appomattox	3,709	208	519	2,910	189	194
Arlington	31,666	43,468	39	29,811	41,373	41
Augusta	16,110	1,944	1,337	12,196	742	841
Bath	1,958	196	213	1,714	254	109
Bedford	10,830	691	1,608	7,804	211	591
Bland	1,866	36	277	1,678	37	139
Botetourt	7,163	541	763	5,387	321	425
Brunswick	4,685	449	632	4,463	255	245
Buchanan	9,292	516	2,956	7,770	358	845
Buckingham	3,680	220	610	3,016	69	278
Campbell	12,407	1,319	2,508	11,455	1,046	1,134
Caroline	5,165	393	841	3,627	198	285
Carroll	9,440	586	1,150	7,425	160	482
Charles City	1,694	175	264	1,407		161
Charlotte	3,810	264	439	3,515	79	189
Chesterfield	40,015	6,874	1,989	18,470	2,632	1,387
Clarke	3,448	329	82	2,580	238	39
Craig	1,346	108	233	1,269	26	78
Culpeper	6,633	1,087	527	4,939	571	340
Cumberland	2,445	210	347	1,940	40	96
Dickenson	5,168	349	1,382	4,679	143	284
Dinwiddie	5,745	380	634	4,925	848	347
Essex	2,801	341	389	2,210	135	168
Fairfax	154,405	59,177	2,089	95,866	33,207	1,695
Fauquier	10,812	1,516	189	7,383	975	66
Floyd	4,099	141	539	3,332	82	184
Fluvanna	3,252	233	314	2,194	96	178
Franklin	10,254	1,106	1,546	7,517	407	496
Frederick	10,032	830	1,420	8,139	526	812
Giles	5,566	390	684	4,905	367	346
Gloucester	6,282	653	943	4,643	174	318
Goochland	3,483	129	379	2,573	64	232
Grayson	5,584	259	749	5,066	191	298
Greene	2,320	218	331	1,349	92	186
Greensville	3,134	127	506	2,655	15	154
Halifax	9,330	617	1,304	8,666	273	560
Hanover	15,477	1,273	482	10,004	432	500
Henrico	53,373	16,821	216	41,109	8,269	130
Henry	16,799	1,923	2,213	13,468	777	1,471
Highland	1,209	59	171	1,026	40	76
Isle of Wight	6,234	407	1,012	4,594	383	439
James City	5,936	1,402	1,186	3,557	726	738
King and Queen	1,958	69	262	1,741		75
King George	3,098	346	497	2,189	167	293
King William	2,951	255	178	2,127	164	102
Lancaster	3,967	280	323	3,469	71	244
Lee	7,994	415	1,243	6,883	217	189

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TABLE 3.19
Housing Units by Type for Virginia's Counties
and Cities: 1970 and 1980, *CONTINUED*

	1980			1970		
	Single Family Units	Multi- Family Units	Mobile Homes	Single Family Units	Multi- Family Units	Mobile Homes
Loudoun	16,801	2,652	213	10,241	880	225
Louisa	5,096	435	1,165	4,393	170	280
Lunenburg	4,106	272	413	3,784	87	123
Madison	3,321	244	253	2,626	140	157
Mathews	3,153	152	316	2,638	70	206
Mecklenburg	10,025	735	1,369	8,692	548	450
Middlesex	2,993	212	304	2,559	83	99
Montgomery	12,514	7,137	2,684	9,015	3,747	1,792
Nelson	4,137	319	368	3,613	87	293
New Kent	2,696	150	330	1,396	18	208
Northampton	5,011	508	523	4,854	449	165
Northumberland	3,988	214	351	3,730	62	255
Nottingham	4,778	491	390	4,206	316	244
Orange	5,925	773	630	4,398	301	219
Page	6,817	573	672	5,126	394	344
Patrick	5,651	426	737	4,754	117	453
Pittsylvania	19,235	1,552	3,036	16,187	552	1,221
Powhatan	3,530	145	148	1,731	59	164
Prince Edward	4,311	703	517	3,635	540	196
Prince George	4,560	1,494	882	3,619	1,161	1,078
Prince William	36,927	8,189	1,316	19,566	4,641	1,284
Pulaski	10,005	1,992	1,191	7,957	1,061	871
Rappahannock	2,296	277	33	1,824	72	48
Richmond	2,490	116	183	1,894	62	95
Roanoke	21,149	4,985	616	18,530	1,845	849
Rockbridge	5,739	642	623	4,966	257	328
Rockingham	16,373	2,373	1,720	12,598	1,353	1,151
Russell	8,850	611	2,057	6,864	259	484
Scott	8,178	601	962	7,447	248	429
Shenandoah	9,953	1,269	643	7,653	813	250
Smyth	9,936	842	1,411	8,416	463	798
Southampton	5,649	195	407	5,134	176	130
Spotsylvania	9,714	941	1,152	4,579	214	386
Stafford	11,424	560	1,162	5,939	386	952
Surry	2,073	73	277	1,761	47	122
Sussex	3,312	219	421	2,995	106	150
Tazewell	13,628	1,563	3,039	11,152	817	872
Warren	6,851	1,533	490	4,963	713	205
Washington	14,266	1,364	2,061	11,875	635	958
Westmoreland	5,227	271	536	4,826	135	221
Wise	11,353	1,048	3,244	10,055	688	769
Wythe	7,555	799	1,366	6,317	460	479
York	8,390	2,512	499	5,899	1,119	492
Cities						
Alexandria	18,770	33,195	57	16,963	27,180	258
Bedford	1,832	730	46	1,581	422	54
Bristol	5,687	1,832	222	3,850	1,170	46
Buena Vista	1,991	334	81	1,697	264	19
Charlottesville	8,555	7,242	183	8,176	5,941	174
Chesapeake	30,265	6,273	1,497	21,719	3,080	1,064
Clifton Forge	1,579	473	12	1,562	443	6
Colonial Heights	5,110	956	12	4,238	655	4
Covington	2,885	680	156	2,858	640	67
Danville	13,365	4,914	124	12,065	4,059	167

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TABLE 3.19
Housing Units by Type for Virginia's Counties
and Cities: 1970 and 1980, *CONTINUED*

	1980			1970		
	Single Family Units	Multi- Family Units	Mobile Homes	Single Family Units	Multi- Family Units	Mobile Homes
Empona	1,519	409	23	1,595	205	10
Fairfax	4,789	2,229	26	4,291	1,890	82
Falls Church	2,684	1,814	5	2,377	1,379	6
Franklin	2,018	670		1,581	625	
Fredericksburg	3,556	2,719	47	3,192	1,557	57
Galax	2,040	481	278	1,839	295	144
Hampton	32,061	10,773	728	28,618	7,255	595
Harrisonburg	3,991	2,163	16	2,930	1,568	11
Hopewell	6,864	2,310	117	6,001	1,498	151
Lexington	1,549	807	33	1,514	698	34
Lynchburg	17,387	7,504	502	12,715	5,477	195
Manassas	4,123	1,207	181	2,070	598	186
Manassas Park	1,867	56	8	1,536		
Martinsville	5,462	1,607	5	5,057	1,302	
Newport News	34,296	19,216	1,474	27,776	12,444	1,468
Norfolk	52,168	41,778	876	50,418	39,621	950
Norton	1,222	370	247	1,086	296	54
Petersburg	11,036	4,821	282	8,364	3,630	5
Poquoson	2,665	173	105	1,615	67	32
Portsmouth	27,912	10,503	170	25,552	10,784	133
Radford	3,003	1,045	114	2,554	699	34
Richmond	52,052	36,677	751	52,427	33,950	691
Roanoke	28,044	14,412	230	22,554	11,023	41
Salem	6,178	2,466	367	5,200	1,294	424
South Boston	2,347	449	20	2,072	330	12
Staunton	6,573	2,023	21	5,994	1,715	31
Suffolk	14,039	2,215	455	11,844	1,724	289
Virginia Beach	65,753	23,456	2,231	37,368	8,452	1,644
Weymesboro	4,770	1,237	195	4,499	866	149
Williamsburg	1,476	1,527	38	1,332	1,235	24
Winchester	5,840	2,490	52	3,736	1,512	11
MSAs						
Bristol (Va. portion)	28,131	3,797	3,245	23,172	2,053	1,433
Charlottesville	28,022	12,779	2,096	20,760	8,007	1,323
Danville	32,600	6,466	3,160	28,252	4,611	1,388
Lynchburg	37,706	9,701	3,792	30,175	7,078	1,717
Norfolk	281,243	120,481	10,202	220,341	86,681	7,747
Northern Virginia	283,458	152,547	5,096	188,660	111,534	4,729
Richmond	205,635	74,205	6,486	156,264	53,216	5,058
Roanoke	62,534	22,406	1,976	51,671	14,483	1,739
Planning Districts						
LENOWISCO	28,747	2,434	5,696	25,471	1,449	1,441
Cumberland Plateau	36,938	3,039	9,434	30,465	1,577	2,485
Mount Rogers	56,374	6,199	7,514	46,486	3,411	3,344
New River Valley	35,187	10,705	5,212	27,763	5,956	3,227
Fifth	72,867	23,926	2,897	61,033	15,735	2,120
Central Shenandoah	60,263	11,778	4,410	49,134	7,757	2,749
Lord Fairfax	42,941	7,024	3,359	32,197	4,196	1,661
Northern Virginia	272,034	151,987	3,934	182,721	111,148	3,777
Rappahannock-Rapidan	28,987	3,897	1,632	21,170	2,059	830
Thomas Jefferson	37,255	13,533	3,629	28,766	8,264	1,896
Central Virginia	54,077	11,330	5,965	42,470	7,900	2,556
West Piedmont	70,766	11,528	7,661	59,048	7,214	3,808

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TABLE 3.19
Housing Units by Type for Virginia's Counties
and Cities: 1970 and 1980, CONTINUED

	1980			1970		
	Single Family Units	Multi- Family Units	Mobile Homes	Single Family Units	Multi- Family Units	Mobile Homes
Southside	26,387	2,250	3,325	23,893	1,406	1,267
Piedmont	25,498	2,315	3,169	22,195	1,204	1,280
Richmond Regional	172,320	64,244	4,559	129,117	45,424	3,473
RADCO	32,957	4,959	3,699	19,526	2,522	1,973
Northern Neck	15,672	881	1,393	13,919	330	815
Middle Peninsula	20,138	1,682	2,392	15,918	626	968
Crater	43,353	10,789	3,154	36,153	8,165	2,021
Southeastern Virginia	204,038	85,497	6,648	158,210	64,845	4,649
Peninsula	84,824	35,603	4,030	68,797	22,846	3,349
Accomack-Norhampton	16,176	1,267	1,748	15,269	876	732

SOURCE: Sheatsley, David W. *Taking Stock: Virginia's Housing Inventory, 1980*. Tayloe Murphy Institute, University of Virginia. Charlottesville, Virginia, 1984.

NOTES: A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 3.20
Number of Housing Units by Year Housing Built in
Virginia's Counties and Cities: 1980

	Year Housing Built							Median Age
	1979- March, 1980	1975- 1978	1970- 1974	1960- 1969	1950- 1959	1940- 1949	1939 or Earlier	
Virginia	75,582	225,623	316,578	457,798	339,662	231,235	353,597	18
Counties								
Accomack	259	948	1,543	1,729	1,820	1,640	5,210	32
Albemarle	857	2,863	4,739	5,330	1,919	851	3,690	13
Alleghany	145	593	779	1,135	814	569	1,267	20
Amelia	119	329	472	595	341	249	871	20
Amherst	247	1,131	1,626	2,122	1,393	883	2,170	18
Appomattox	152	609	874	910	587	348	956	16
Arlington	1,075	2,229	3,229	16,278	19,066	22,109	11,189	28
Augusta	772	2,340	3,384	3,536	2,703	1,634	5,022	19
Bath	66	227	224	395	265	197	993	30
Bedford	790	2,374	2,202	2,414	1,487	1,067	2,795	15
Bland	69	235	416	337	270	248	604	21
Botetourt	305	1,146	1,530	1,485	1,082	754	2,165	18
Brunswick	156	499	994	948	965	761	1,443	23
Buchanan	466	2,070	2,406	2,202	1,953	1,948	1,719	16
Buckingham	111	485	683	870	612	502	1,247	22
Campbell	615	2,307	3,441	3,825	2,196	1,273	2,577	15
Caroline	255	1,210	1,296	1,123	752	589	1,174	14

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TABLE 3.20
Number of Housing Units by Year Housing Built in
Virginia's Counties and Cities: 1980, *CONTINUED*

	Year Housing Built							Median Age
	1979- March, 1980	1975- 1978	1970- 1974	1960- 1969	1950- 1959	1940- 1949	1939 or Earlier	
Carroll	383	1,105	1,747	2,235	1,652	1,522	2,532	21
Charles City	73	244	376	508	370	162	400	17
Charlotte	97	315	558	784	717	544	1,498	27
Chesterfield	4,780	11,344	11,601	11,675	4,857	2,234	2,387	9
Clarke	94	559	438	619	540	281	1,328	24
Craig	50	119	243	347	185	113	630	25
Culpeper	261	857	1,508	1,614	1,032	739	2,236	19
Cumberland	41	384	476	621	365	227	888	20
Dickenson	270	1,121	1,293	1,030	827	909	1,449	17
Dinwiddie	136	860	1,293	1,486	1,038	716	1,230	17
Essex	78	337	784	671	473	355	833	18
Fairfax	14,030	33,544	43,868	67,490	40,144	11,228	5,367	12
Fauquier	744	1,705	1,664	1,950	1,640	955	3,859	21
Floyd	191	452	551	786	528	602	1,669	28
Fluvanna	175	618	672	733	420	320	851	16
Franklin	631	1,918	2,348	2,736	1,808	1,072	2,393	16
Frederick	598	1,911	2,330	2,661	1,426	974	2,382	15
Giles	133	441	757	1,129	1,071	1,416	1,693	28
Gloucester	572	1,161	1,386	1,618	1,009	583	1,549	15
Goochland	113	496	627	865	591	370	929	19
Grayson	171	555	917	1,334	936	915	1,764	23
Greene	199	545	552	580	274	175	544	12
Greensville	83	378	726	803	669	519	589	19
Halifax	208	1,037	1,733	2,176	1,796	1,550	2,751	23
Hanover	817	2,438	3,508	4,139	2,400	1,303	2,627	15
Henrico	3,674	7,170	10,472	18,203	17,907	8,139	4,845	18
Henry	597	2,096	3,468	5,816	4,017	2,384	2,557	17
Highland	81	147	115	119	100	127	750	40
Isle of Wight	310	1,110	1,490	1,297	1,101	656	1,689	17
James City	607	1,696	1,998	2,191	1,091	318	623	10
King and Queen	72	214	398	309	382	158	756	24
King George	126	422	868	827	617	458	623	17
King William	231	465	446	518	476	317	931	21
Lancaster	140	494	712	735	756	545	1,188	23
Lee	397	1,202	1,438	918	1,156	1,565	2,976	28
Loudoun	1,011	2,706	5,006	4,416	1,688	744	4,095	12
Louisa	220	880	1,255	1,236	792	615	1,698	18
Lunenburg	64	372	633	719	673	745	1,585	29
Madison	130	377	655	639	482	321	1,214	22
Mathews	101	289	382	605	521	316	1,407	28
Mecklenburg	224	1,278	1,931	2,062	1,886	1,590	3,158	23
Middlesex	82	292	534	568	535	435	1,063	25
Montgomery	1,434	3,189	4,992	5,599	2,440	1,812	2,869	13
Nelson	149	586	640	783	573	558	1,535	24
New Kent	239	598	686	784	305	224	340	11
Northampton	67	464	523	764	842	939	2,443	34
Northumberland	103	437	573	836	671	668	1,265	25
Nottoway	68	493	558	880	838	819	1,935	30
Orange	378	880	1,389	1,222	925	579	1,954	18
Page	233	735	1,211	1,128	1,080	744	2,931	27
Patrick	263	635	982	1,495	1,120	850	1,469	20
Pittsylvania	698	2,788	4,199	4,607	3,798	2,931	4,802	19
Powhatan	246	841	910	713	255	153	705	10
Prince Edward	129	597	893	837	824	683	1,568	24
Prince George	369	950	1,361	1,666	1,460	429	701	15

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TABLE 3.20

Number of Housing Units by Year Housing Built in
Virginia's Counties and Cities: 1980, *CONTINUED*

	Year Housing Built							Median Age
	1979- March, 1980	1975- 1978	1970- 1974	1960- 1969	1950- 1959	1940- 1949	1939 or Earlier	
Prince William	3,564	7,778	12,679	14,266	4,464	1,600	2,081	10
Pulaski	426	1,187	2,411	2,210	1,714	2,191	3,049	22
Rappahannock	88	221	329	357	263	200	1,148	32
Richmond	96	256	365	386	465	377	844	26
Roanoke	1,308	3,993	5,979	7,686	3,062	1,587	2,595	13
Rockbridge	153	480	1,038	1,299	942	587	2,505	26
Rockingham	589	2,173	3,229	3,635	2,898	1,840	6,102	22
Russell	396	1,749	2,161	1,954	1,326	1,140	2,792	17
Scott	206	650	1,226	1,776	1,470	1,649	2,764	27
Shenandoah	403	1,296	1,855	1,719	1,212	801	4,579	25
Smyth	278	992	1,812	2,333	1,867	1,791	3,116	24
Southampton	156	606	829	1,041	929	820	1,870	25
Spotsylvania	991	3,336	2,694	1,702	1,209	706	1,169	8
Stafford	960	3,210	2,643	2,370	1,506	1,031	1,426	10
Surry	68	127	355	460	330	213	870	26
Sussex	154	312	531	526	625	523	1,184	26
Tazewell	590	2,601	3,290	2,544	2,236	2,545	4,424	20
Warren	397	1,172	1,431	1,532	1,111	1,243	1,988	19
Washington	646	2,493	2,938	3,246	2,179	1,965	4,224	18
Westmoreland	132	665	851	1,236	856	776	1,518	22
Wise	477	2,561	2,512	2,011	1,894	2,126	4,064	21
Wythe	409	1,272	1,452	1,301	1,127	1,048	3,111	24
York	533	1,719	2,191	3,653	2,022	656	627	13
Cities								
Alexandria	744	5,103	6,283	14,592	9,686	9,060	6,554	20
Bedford	249	248	206	400	499	335	671	24
Bristol	291	470	751	1,448	1,445	1,330	2,006	24
Buena Vista	29	119	275	356	482	374	771	29
Charlottesville	243	933	1,476	3,944	3,497	1,855	4,032	24
Chesapeake	1,449	5,378	6,941	10,605	7,088	3,437	3,157	15
Clifton Forge	81	61	33	197	170	157	1,365	40
Colonial Heights	86	387	829	2,002	1,289	694	791	19
Covington	30	61	89	416	585	752	1,788	39
Danville	298	987	1,592	3,659	3,732	2,474	5,661	27
Emporia	99	123	65	254	422	358	630	30
Fairfax	54	355	474	2,887	2,711	365	198	19
Falls Church	143	537	333	1,000	962	1,147	381	22
Franklin	48	216	413	407	606	395	603	24
Fredericksburg	110	346	963	1,303	872	699	2,029	25
Galax	64	207	340	531	452	556	649	26
Hampton	836	1,987	6,298	14,917	9,431	5,100	4,993	18
Harrisonburg	308	624	900	1,014	987	644	1,693	22
Hopewell	297	848	1,129	1,931	2,164	1,278	1,644	22
Lexington	35	132	99	361	310	268	1,164	40
Lynchburg	324	1,549	3,158	4,897	4,611	3,219	7,635	26
Manassas	743	1,095	544	1,886	593	195	455	12
Manassas Park	7	142	159	515	1,068	36	4	21
Martinsville	123	209	657	1,512	1,544	1,331	1,698	27
Newport News	1,017	4,362	10,559	16,678	9,906	6,587	5,877	17
Norfolk	1,159	5,051	8,137	16,569	23,206	20,773	19,927	27
Norton	34	219	234	200	218	272	662	31
Petersburg	126	1,005	2,089	3,853	3,229	1,891	3,946	23
Poquoson	244	600	470	599	297	270	483	13
Portsmouth	704	2,512	3,248	7,195	8,786	8,882	7,258	26

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TABLE 3.20
Number of Housing Units by Year Housing Built in
Virginia's Counties and Cities: 1980, *CONTINUED*

	Year Housing Built							Median Age
	1979- March, 1980	1975- 1978	1970- 1974	1960- 1969	1950- 1959	1940- 1949	1939 or Earlier	
Radford	118	305	499	724	440	863	1,213	30
Richmond	924	4,165	7,446	17,934	15,801	14,425	30,785	30
Roanoke	462	1,469	4,632	7,796	9,143	6,564	12,620	28
Salem	222	542	1,654	2,375	1,693	962	1,565	19
South Boston	21	160	236	388	534	499	978	31
Staunton	103	380	543	1,769	1,784	1,146	2,892	28
Suffolk	341	1,251	2,377	3,093	3,012	2,216	4,419	24
Virginia Beach	6,152	19,300	21,361	26,293	12,499	3,575	2,260	10
Waynesboro	177	214	510	1,303	1,480	989	1,529	26
Williamsburg	24	138	580	855	456	399	589	19
Winchester	213	542	683	1,484	1,411	1,220	2,829	29
MSAs								
Bristol (Va. portion)	1,143	3,613	4,915	6,470	5,094	4,944	8,994	NC
Charlottesville	1,474	4,959	7,439	10,587	6,110	3,201	9,117	NC
Danville	996	3,775	5,791	8,266	7,530	5,405	10,463	NC
Lynchburg	1,186	4,987	8,225	10,844	8,200	5,375	12,382	NC
Norfolk	13,638	45,155	65,546	104,266	78,803	52,796	51,722	NC
Northern Virginia	22,331	56,699	75,218	125,700	81,888	47,515	31,750	NC
Richmond	11,880	31,346	42,327	65,759	51,666	32,018	51,330	NC
Roanoke	2,297	7,150	13,795	19,342	14,980	9,867	18,945	NC
Planning Districts								
LENOWISCO	1,114	4,632	5,410	4,905	4,738	5,612	10,466	NC
Cumberland Plateau	1,722	7,541	9,150	7,730	6,342	6,542	10,384	NC
Mount Rogers	2,311	7,329	10,373	12,765	9,928	9,375	18,006	NC
New River Valley	2,302	5,574	9,210	10,448	6,193	6,884	10,493	NC
Fifth	2,603	7,984	14,939	21,437	16,734	11,458	23,995	NC
Central Shenandoah	2,313	6,836	10,317	13,787	11,951	7,806	23,441	NC
Lord Fairfax	1,938	6,215	7,948	9,143	6,780	5,263	16,037	NC
Northern Virginia	21,371	53,489	72,575	123,330	80,382	46,484	30,324	NC
Rappahannock-Rapidan	1,601	4,040	5,545	5,782	4,342	2,794	10,411	NC
Thomas Jefferson	1,843	6,425	9,334	12,606	7,475	4,374	12,350	NC
Central Virginia	2,377	8,218	11,507	14,568	10,773	7,125	16,804	NC
West Piedmont	2,610	8,633	13,246	19,825	16,019	11,042	18,580	NC
Southside	609	2,974	4,894	5,574	5,181	4,400	8,330	NC
Piedmont	629	2,975	4,273	5,306	4,370	3,769	9,592	NC
Richmond Regional	10,866	27,296	35,626	54,821	42,486	27,010	43,018	NC
RADCO	2,442	8,524	8,464	7,325	4,956	3,483	6,421	NC
Northern Neck	471	1,852	2,501	3,193	2,748	2,366	4,815	NC
Middle Peninsula	1,136	2,758	3,930	4,289	3,396	2,164	6,539	NC
Crater	1,418	4,990	8,378	12,981	11,226	6,621	11,585	NC
Southeastern Virginia	10,319	35,424	44,796	66,500	57,227	40,754	41,163	NC
Peninsula	3,261	10,502	22,096	38,893	23,203	13,330	13,172	NC
Accomack-Norhampton	326	1,412	2,066	2,493	2,662	2,579	7,653	NC

SOURCES: Sheatsley, David W. *Taking Stock: Virginia's Housing Inventory, 1980*. Tayloe Murphy Institute, University of Virginia, Charlottesville, Virginia, 1984; U.S. Department of Commerce, Bureau of the Census, 1970 Census of Housing. *General Housing Characteristics Virginia*. U.S. Government Printing Office, Washington, D.C., 1971.

NOTES: *Median Age* in years.

NC—Not computed.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 3.21
Owner-Occupied Housing Units in Virginia's
Counties and Cities: 1970 and 1980

	Owner-Occupied Housing Units		Change, 1970-1980	
	1980	1970	Number	Percent
Virginia	1,221,590	862,591	358,999	41.6%
Counties				
Accomack	8,673	6,757	1,916	28.4
Albemarle	11,388	6,758	4,630	68.5
Alleghany	3,904	2,871	1,033	36.0
Amelia	2,236	1,549	687	44.4
Amherst	7,048	4,807	2,241	46.6
Appomattox	3,276	2,161	1,115	51.6
Arlington	27,616	23,257	4,359	18.7
Augusta	13,935	9,738	4,197	43.1
Bath	1,444	1,148	296	25.8
Bedford	10,088	6,207	3,881	62.5
Bland	1,764	1,272	492	38.7
Botetourt	6,605	4,246	2,359	55.6
Brunswick	3,731	2,883	848	29.4
Buchanan	9,337	5,650	3,687	65.3
Buckingham	2,983	2,235	748	33.5
Campbell	12,134	9,871	2,263	22.9
Caroline	4,568	2,807	1,761	62.7
Carroll	8,163	6,118	2,045	33.4
Charles City	1,660	1,254	406	32.4
Charlotte	3,096	2,316	780	33.7
Chesterfield	36,024	16,599	19,425	117.0
Clarke	2,477	1,577	900	57.1
Craig	1,190	861	329	38.2
Culpeper	5,365	3,515	1,850	52.6
Cumberland	2,066	1,370	696	50.8
Dickenson	5,240	3,312	1,928	58.2
Dinwiddie	5,149	3,817	1,332	34.9
Essex	2,381	1,556	825	53.0
Fairfax	138,943	81,061	57,882	71.4
Fauquier	7,665	4,284	3,381	78.9
Floyd	3,520	2,657	863	32.5
Fluvanna	2,678	1,734	944	54.4
Franklin	9,616	5,991	3,625	60.5
Frederick	9,168	6,297	2,871	45.6
Giles	5,080	4,044	1,036	25.6
Gloucester	5,871	3,712	2,159	58.2
Goochland	2,960	2,044	916	44.8
Grayson	4,925	3,863	1,062	27.5
Greene	2,008	1,078	930	86.3
Greensville	2,505	1,719	786	45.7
Halifax	7,433	5,473	1,960	35.8
Hanover	13,619	8,578	5,041	58.8
Henrico	44,252	34,404	9,848	28.6
Henry	15,784	11,586	4,198	36.2
Highland	873	666	207	31.1
Isle of Wight	5,457	3,296	2,161	65.6
James City	5,524	3,213	2,311	71.9
King and Queen	1,714	1,306	408	31.2
King George	2,604	1,640	964	58.8
King William	2,455	1,591	864	54.3
Lancaster	3,374	2,566	808	31.5
Lee	6,804	4,539	2,265	49.9

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3 • Construction and Housing

TABLE 3.21

Owner-Occupied Housing Units in Virginia's Counties and Cities: 1970 and 1980, *CONTINUED*

	Owner-Occupied Housing Units		Change, 1970-1980	
	1980	1970	Number	Percent
Loudoun	13,506	6,836	6,670	97.6
Louisa	4,859	3,218	1,641	51.0
Lunenburg	3,238	2,512	726	28.9
Madison	2,672	1,858	814	43.8
Mathews	2,664	2,203	461	20.9
Mecklenburg	7,129	5,423	1,706	31.5
Middlesex	2,439	1,705	734	43.0
Montgomery	11,947	8,500	3,447	40.6
Nelson	3,280	2,471	809	32.7
New Kent	2,491	1,212	1,279	105.5
Northampton	3,378	2,706	672	24.8
Northumberland	3,283	2,622	661	25.2
Nottoway	3,802	3,110	692	22.2
Orange	4,651	3,064	1,587	51.8
Page	5,358	4,015	1,343	33.4
Patrick	5,119	3,810	1,309	34.4
Pittsylvania	16,896	11,278	5,618	49.8
Powhatan	3,048	1,341	1,707	127.3
Prince Edward	3,541	2,658	883	33.2
Prince George	4,028	3,357	671	20.0
Prince William	31,325	15,592	15,733	100.9
Pulaski	9,209	6,586	2,623	39.8
Rappahannock	1,487	1,050	437	41.6
Richmond	2,035	1,464	571	39.0
Roanoke	19,524	16,503	3,021	18.3
Rockbridge	4,811	3,717	1,094	29.4
Rockingham	14,787	10,571	4,216	39.9
Russell	8,511	5,184	3,327	64.2
Scott	6,757	5,453	1,304	23.9
Shenandoah	7,622	5,467	2,155	39.4
Smyth	8,668	6,636	2,032	30.6
Southampton	3,953	2,842	1,111	39.1
Spotsylvania	8,789	3,639	5,150	141.5
Stafford	10,118	5,121	4,997	97.6
Surry	1,482	1,074	408	38.0
Sussex	2,542	1,918	624	32.5
Tazewell	13,407	8,613	4,794	55.7
Warren	5,528	3,291	2,237	68.0
Washington	12,509	9,285	3,224	34.7
Westmoreland	4,219	2,928	1,291	44.1
Wise	11,565	7,691	3,874	50.4
Wythe	6,877	4,964	1,913	38.5
York	7,406	4,963	2,443	49.2
Cities				
Alexandria	17,876	11,029	6,847	62.1
Bedford	1,545	1,334	211	15.8
Bristol	4,819	3,044	1,775	58.3
Buena Vista	1,717	1,301	416	32.0
Charlottesville	6,937	6,583	354	5.4
Chesapeake	26,462	18,098	8,364	46.2
Clifton Forge	1,341	1,234	107	8.7
Colonial Heights	4,427	3,420	1,007	29.4
Covington	2,371	2,153	218	10.1
Danville	10,902	9,489	1,413	14.9

CONTINUED →

TABLE 3.21

Owner-Occupied Housing Units in Virginia's Counties and Cities: 1970 and 1980, *CONTINUED*

	Owner-Occupied Housing Units		Change, 1970-1980	
	1980	1970	Number	Percent
Emporia	996	826	170	20.6
Fairfax	4,353	3,632	721	19.8
Falls Church	2,270	1,859	411	22.1
Franklin	1,413	1,069	344	32.2
Fredericksburg	2,597	2,211	386	17.5
Galax	1,867	1,472	395	26.8
Hampton	25,430	21,871	3,559	16.3
Harrisonburg	2,938	2,297	641	27.9
Hopewell	5,237	4,437	800	18.0
Lexington	1,226	1,172	54	4.6
Lynchburg	14,804	10,394	4,410	42.4
Manassas	3,432	1,711	1,721	100.6
Manassas Park	1,329	1,170	159	13.6
Martinsville	4,406	3,898	508	13.0
Newport News	26,682	21,865	4,817	22.0
Norfolk	38,575	37,193	1,382	3.7
Norton	1,159	781	378	48.4
Petersburg	7,932	5,609	2,323	41.4
Poquoson	2,463	1,379	1,084	78.6
Portsmouth	21,161	19,078	2,083	10.9
Radford	2,505	2,127	378	17.8
Richmond	40,462	40,614	-152	-0.4
Roanoke	23,776	19,464	4,312	22.2
Salem	5,696	4,681	1,015	21.7
South Boston	1,849	1,418	431	30.4
Staunton	5,364	4,807	557	11.6
Suffolk	10,806	7,817	2,989	38.2
Virginia Beach	54,693	30,865	23,828	77.2
Waynesboro	3,907	3,628	279	7.7
Williamsburg	920	849	71	8.4
Winchester	4,112	2,407	1,705	70.8
MSAs				
Bristol (Va. portion)	24,085	17,782	6,303	35.4
Charlottesville	23,011	16,153	6,858	42.5
Danville	27,798	20,767	7,031	33.9
Lynchburg	33,986	25,072	8,914	35.6
Norfolk	225,993	170,903	55,090	32.2
Northern Virginia	250,768	151,268	99,500	65.8
Richmond	171,289	126,686	44,603	35.2
Roanoke	55,601	44,894	10,707	23.8
Planning Districts				
LENOWISCO	26,285	18,464	7,821	42.4
Cumberland Plateau	36,495	22,759	13,736	60.4
Mount Rogers	49,592	36,654	12,938	35.3
New River Valley	32,261	23,914	8,347	34.9
Fifth	64,407	52,013	12,394	23.8
Central Shenandoah	51,002	39,045	11,957	30.6
Lord Fairfax	34,265	23,054	11,211	48.6
Northern Virginia	240,650	146,147	94,503	64.7
Rappahannock-Rapidan	21,840	13,771	8,069	58.6
Thomas Jefferson	31,150	21,842	9,308	42.6
Central Virginia	48,895	34,774	14,121	40.6
West Piedmont	62,723	46,052	16,671	36.2
Southside	20,142	15,197	4,945	32.5

CONTINUED ➡



TABLE 3.21
Owner-Occupied Housing Units in Virginia's Counties
and Cities: 1970 and 1980, *CONTINUED*

	Owner-Occupied Housing Units		Change, 1970-1980	
	1980	1970	Number	Percent
Piedmont	20,962	15,750	5,212	33.1
Richmond Regional	144,516	106,046	38,470	36.3
RADCO	28,676	15,418	13,258	86.0
Northern Neck	12,911	9,580	3,331	34.8
Middle Peninsula	17,524	12,073	5,451	45.2
Crater	34,298	26,177	8,121	31.0
Southeastern Virginia	162,520	120,258	42,262	35.1
Peninsula	68,425	54,140	14,285	26.4
Accomack-Norhampton	12,051	9,463	2,588	27.3

SOURCES: Sheatsley, David W. *Taking Stock: Virginia's Housing Inventory, 1980*. Tayloe Murphy Institute, University of Virginia, Charlottesville, Virginia, 1984; U.S. Department of Commerce, Bureau of the Census, 1970 Census of Housing. *General Housing Characteristics Virginia*. U.S. Government Printing Office, Washington, D.C., 1971.

NOTES: A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
 A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 3.22
Average Household Size and Median Rooms Per Unit for
Virginia's Counties and Cities: 1970 and 1980

	Average Household Size		Median Number of Rooms Per Unit	
	1980	1970	1980	1970
Virginia	2.77	3.20	5.5	5.2
Counties				
Accomack	2.67	2.95	5.3	5.1
Albemarle	2.70	3.26	5.4	5.4
Alleghany	2.93	3.38	5.4	5.2
Amelia	3.04	3.63	5.5	5.4
Amherst	2.95	3.36	5.4	5.2
Appomattox	2.94	3.34	5.4	5.2
Arlington	2.07	2.43	4.6	4.5
Augusta	2.87	3.33	5.6	5.6
Bath	2.78	3.00	5.4	5.0
Bedford	2.89	3.37	5.6	5.2
Bland	2.84	3.18	5.4	4.9
Botetourt	2.89	3.26	5.8	5.4
Brunswick	3.01	3.58	5.5	5.3
Buchanan	3.20	3.78	5.0	4.7
Buckingham	3.05	3.50	5.3	5.2
Campbell	2.99	3.37	5.4	5.2
Caroline	3.09	3.66	5.4	5.4
Carroll	2.77	3.18	5.1	4.9
Charles City	3.43	4.19	5.6	5.2
Charlotte	3.00	3.52	5.4	5.3

CONTINUED →

TABLE 3.22

Average Household Size and Median Rooms Per Unit for
Virginia's Counties and Cities: 1970 and 1980, *CONTINUED*

	Average Household Size		Median Number of Rooms Per Unit	
	1980	1970	1980	1970
Chesterfield	3.02	3.42	6.3	5.8
Clarke	2.74	3.20	5.7	5.5
Craig	2.72	3.14	5.5	5.2
Culpeper	2.93	3.36	5.7	5.4
Cumberland	3.08	3.50	5.5	5.3
Dickenson	3.09	3.55	5.1	4.7
Dinwiddie	3.18	3.61	5.6	5.1
Essex	2.87	3.43	5.6	5.4
Fairfax	2.88	3.51	6.8	6.3
Fauquier	3.05	3.41	6.1	5.6
Floyd	2.75	3.14	5.4	5.4
Fluvanna	2.99	3.41	5.5	5.3
Franklin	2.89	3.37	5.3	5.2
Frederick	2.96	3.35	5.6	5.3
Giles	2.83	3.21	5.4	5.2
Gloucester	2.80	3.16	5.6	5.3
Goochland	3.02	3.64	5.9	5.5
Grayson	2.74	3.11	5.1	5.0
Greene	2.98	3.57	5.4	5.2
Greensville	3.16	3.68	5.2	4.9
Halifax	2.98	3.52	5.3	5.1
Hanover	3.02	3.45	6.3	5.8
Henrico	2.66	3.18	5.7	5.6
Henry	2.94	3.43	5.2	5.0
Highland	2.64	3.02	5.8	5.7
Isle of Wight	3.04	3.59	5.6	5.3
James City	2.82	3.38	5.6	5.0
King and Queen	2.90	3.44	5.7	5.7
King George	2.98	3.30	5.6	5.3
King William	3.02	3.47	5.9	5.5
Lancaster	2.53	2.99	5.7	5.3
Lee	2.90	3.10	5.2	4.9
Loudoun	3.05	3.53	6.4	5.9
Louisa	2.97	3.44	5.4	5.3
Lunenburg	2.84	3.30	5.5	5.3
Madison	2.98	3.35	5.7	5.5
Mathews	2.53	2.81	5.8	5.6
Mecklenburg	2.84	3.36	5.4	5.3
Middlesex	2.59	2.99	5.6	5.3
Montgomery	2.63	3.04	5.0	4.8
Nelson	2.84	3.33	5.4	5.4
New Kent	2.95	3.51	5.6	5.1
Northampton	2.70	3.06	5.4	5.3
Northumberland	2.57	3.02	5.7	5.5
Nottoway	2.81	3.22	5.6	5.4
Orange	2.86	3.20	5.6	5.5
Page	2.78	3.13	5.5	5.4
Patrick	2.82	3.22	5.1	5.0
Pittsylvania	2.97	3.52	5.1	4.9
Powhatan	3.17	3.61	6.0	5.4
Prince Edward	2.80	3.08	5.3	5.3
Prince George	3.26	3.58	5.5	5.2
Prince William	3.26	3.88	6.8	6.4
Pulaski	2.82	3.23	5.2	4.9
Rappahannock	2.83	3.27	5.6	5.2

CONTINUED ➡

**TABLE 3.22**

**Average Household Size and Median Rooms Per Unit for
Virginia's Counties and Cities: 1970 and 1980, *CONTINUED***

	Average Household Size		Median Number of Rooms Per Unit	
	1980	1970	1980	1970
Richmond	2.83	3.27	5.6	5.2
Roanoke	2.80	3.31	6.0	5.7
Rockbridge	2.82	3.27	5.5	5.4
Rockingham	2.89	3.30	5.6	5.5
Russell	2.98	3.48	5.2	5.0
Scott	2.86	3.28	5.1	4.8
Shenandoah	2.72	3.02	5.7	5.6
Smyth	2.84	3.28	5.3	5.1
Southampton	3.06	3.64	5.6	5.3
Spotsylvania	3.16	3.45	5.8	5.2
Stafford	3.19	3.44	6.1	5.1
Surry	3.01	3.71	5.6	5.5
Sussex	3.04	3.77	5.5	5.3
Tazewell	2.93	3.30	5.3	5.0
Warren	2.71	3.07	5.5	5.3
Washington	2.86	3.22	5.3	5.1
Westmoreland	2.78	3.27	5.5	5.0
Wise	2.93	3.34	5.1	4.9
Wythe	2.81	3.25	5.3	5.3
York	3.15	3.63	6.0	6.1
Cities				
Alexandria	2.07	2.57	4.5	4.4
Bedford	2.42	2.90	5.4	5.3
Bristol	2.54	2.90	5.2	5.1
Buena Vista	2.88	3.19	5.3	5.2
Charlottesville	2.50	2.78	5.1	4.9
Chesapeake	3.11	3.52	5.8	5.4
Clifton Forge	2.54	2.89	5.8	5.6
Colonial Heights	2.79	3.18	6.0	5.5
Covington	2.57	3.01	5.3	5.2
Danville	2.55	2.92	5.1	4.9
Emporia	2.67	3.04	5.3	5.1
Fairfax	2.76	3.53	6.3	5.9
Falls Church	2.23	2.90	5.5	5.3
Franklin	2.80	3.24	5.4	5.3
Fredericksburg	2.29	2.72	5.1	5.1
Galax	2.45	2.91	5.1	4.9
Hampton	2.83	3.34	5.5	5.3
Harrisonburg	2.46	2.79	5.4	5.3
Hopewell	2.72	3.22	5.4	5.3
Lexington	2.38	2.79	5.5	5.2
Lynchburg	2.60	2.94	5.3	5.1
Manassas	2.98	3.28	6.2	5.7
Manassas Park	3.51	4.52	5.5	5.2
Martinsville	2.66	3.23	5.4	5.1
Newport News	2.73	3.24	5.4	5.2
Norfolk	2.65	3.04	5.0	4.9
Norton	2.83	3.02	5.1	5.1
Petersburg	2.72	3.16	5.1	4.9
Poquoson	3.14	3.37	6.4	5.6
Portsmouth	2.79	3.17	5.3	5.0
Radford	2.54	2.96	5.4	5.3
Richmond	2.43	2.89	5.0	4.9
Roanoke	2.46	2.85	5.3	5.2
Salem	2.54	2.97	5.4	5.2
South Boston	2.65	3.03	5.3	5.0

CONTINUED ➡

TABLE 3.22

Average Household Size and Median Rooms Per Unit for
Virginia's Counties and Cities: 1970 and 1980, *CONTINUED*

	Average Household Size		Median Number of Rooms Per Unit	
	1980	1970	1980	1970
Staunton	2.53	2.91	5.7	5.5
Suffolk	3.00	3.40	5.7	6.0
Virginia Beach	2.97	3.54	6.2	5.9
Waynesboro	2.61	3.11	5.5	5.5
Williamsburg	2.12	2.47	4.7	4.5
Winchester	2.42	2.80	5.4	5.4

SOURCES: Sheatsley, David W. *Taking Stock: Virginia's Housing Inventory, 1980*. Tayloe Murphy Institute, University of Virginia, Charlottesville, Virginia, 1984; U.S. Department of Commerce, Bureau of the Census, 1980 Census of Housing. *General Housing Characteristics Virginia*. U.S. Government Printing Office, Washington, D.C., 1982; U.S. Department of Commerce, Bureau of the Census, 1970 Census of Housing. *General Housing Characteristics Virginia*. U.S. Government Printing Office, Washington, D.C., 1971.

NOTE: "Average Household Size" is average number of persons per unit.



Section 4: Courts and Law Enforcement

This section includes information on crime, the judicial system, and the corrections system. It also covers related information such as the number of lawyers per state, the number of civil lawsuits, and government expenditures for police protection and corrections.

The two main national sources for data on crime are the Federal Bureau of Investigation and the Bureau of Justice Statistics (Department of Justice). The FBI conducts a Uniform Crime Reporting Program that gathers monthly reports from law enforcement agencies throughout the country, and it issues an annual report based on these statistics entitled *Crime in the United States*. Data from this report are reproduced in the Census Bureau's *Statistical Abstract of the United States*. The Bureau of Justice Statistics issues a variety of reports covering criminal justice, criminal victimization, and the prison population. In addition, one non-government agency, the National Center for State Courts (Williamsburg, Virginia) publishes valuable data on the 50 state court systems in *State Court Caseload Statistics: Annual Report*. This report also contains useful diagrams of the court system structure in each state.

Data on employment in various occupations within the legal system, law enforcement, and corrections come from several sources. The American Bar Foundation compiles figures for the number of lawyers per state (summarized in the *Statistical Abstract of the United States*). Employment data on police protection and corrections are available in the Census Bureau's report, *Public Employment*, part of the annual Government Employment Series.

Three state agencies furnish annual information pertaining to crime, the courts, and criminal corrections in Virginia. First, the Department of State Police issues *Crime in Virginia*. Data compiled in this report under the statewide Uniform Crime Reporting Program are compatible with the FBI's national reporting program. In addition to the figures on the number and rate of crimes presented here in Tables 4.4 and 4.6, *Crime in Virginia* also contains statistics on arrests (by age of offender and type of offense), value of property stolen and recovered, and law enforcement officers killed and assaulted.

Second, the Supreme Court of Virginia issues the *State of the Judiciary Report*. This detailed volume presents extensive documentation on many aspects of the state's judicial system, including not only caseload statistics, but also data on judges and their terms, other personnel, and finances.

Finally, the Virginia Department of Corrections, through its Research and Reporting Unit, compiles data on the state's prison population.

CONCEPTS

COURT SYSTEM

District Courts. The District Court System is composed of 204 courts classified as either General District or Juvenile and Domestic Relations. The **General District Court** decides civil suits involving amounts of money up to \$7,000 and criminal cases in which a person is charged with a misdemeanor (any charge carrying a penalty of no more than one year in jail or a fine up to \$1,000). It also handles all cases in which a person is charged with a traffic offense, and holds preliminary hearings in felony cases. The **Juvenile and Domestic Relations District Court** handles cases involving delinquents, juveniles accused of traffic violations, spousal abuse, children in need of services, and other cases involving children.

Circuit Courts. The Circuit Courts have original jurisdiction in civil claims exceeding \$7,000, criminal cases involving felonies, and equity suits such as divorce proceedings, property disputes, and wills, trusts, and estate matters. They also handle appeals from the District Courts and any case for which jurisdiction is not specified in the Code of Virginia.

Supreme Court. The Supreme Court, in addition to hearing appeals on decisions of lower courts, has original jurisdiction in cases of *habeas corpus* (ordering one holding custody to produce the detained person before the court for the purpose of determining whether such custody is proper), *mandamus* (ordering the holder of an office to perform his duty), and *prohibition* (ordering an action stopped in a lower court).

CRIMES, TYPES OF OFFENSES

The "Crime Index" of the FBI's Uniform Crime Reporting Program uses the following definitions in classifying offenses (listed here in order of seriousness):

Murder and Nonnegligent Manslaughter includes willful felonious homicides and excludes attempts and assaults to kill, justifiable homicides, and death caused by negligence.

Robbery includes stealing or taking anything of value by force or violence or threat of force or violence.

Aggravated Assault is an attack for the purpose of inflicting severe bodily injury, and includes assault with intent to kill.

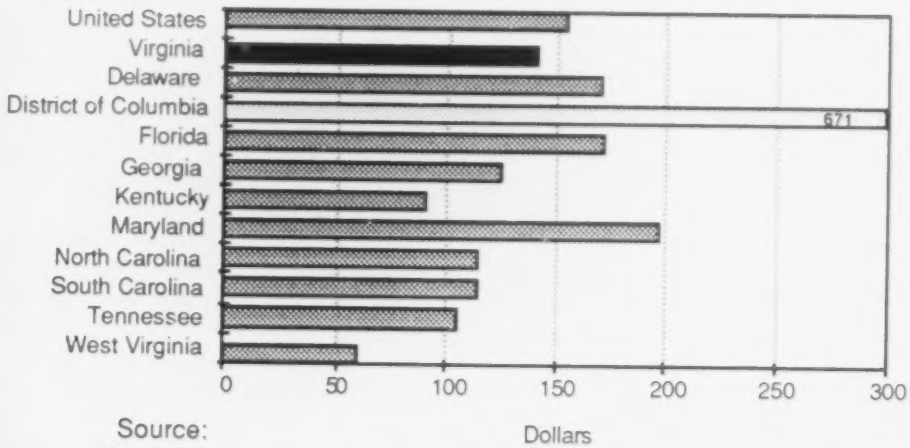
Burglary includes any unlawful entry to commit a felony or a theft and includes attempted burglary and burglary followed by larceny.

Larceny includes theft of property or articles of value without use of force, violence, or fraud; it excludes embezzlement, "con games," forgery, and the like.



Motor Vehicle Theft includes all cases where vehicles are driven away and abandoned, but excludes vehicles taken for temporary use and returned by the taker.

Figure 4.1
Per Capita Expenditures for Corrections: 1986



Source:
Table 4.2

Dollars

Figure 4.2
Crime Rate: 1987

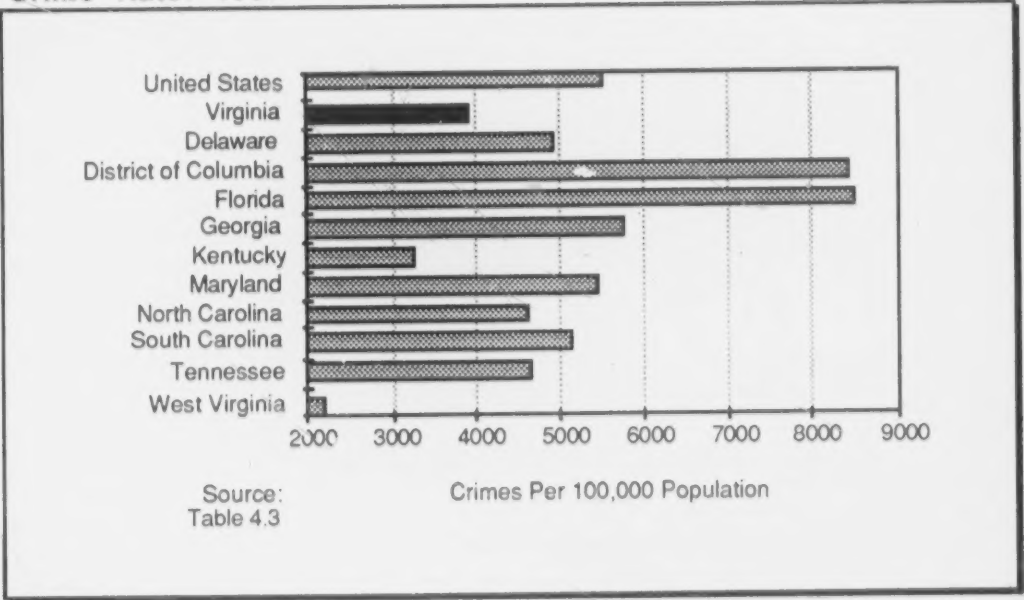


Figure 4.3
Adults Under Correctional Supervision: 1986

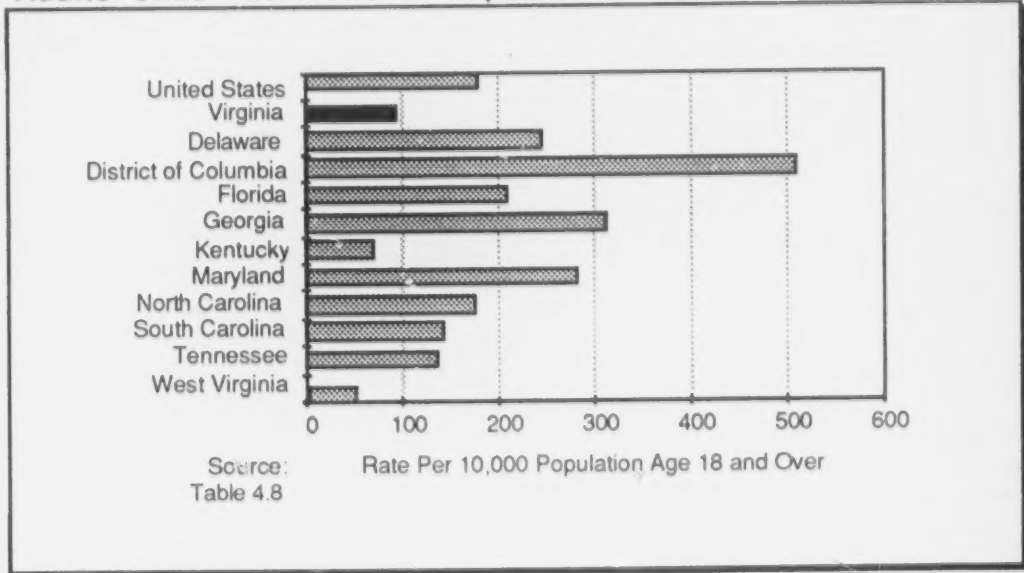
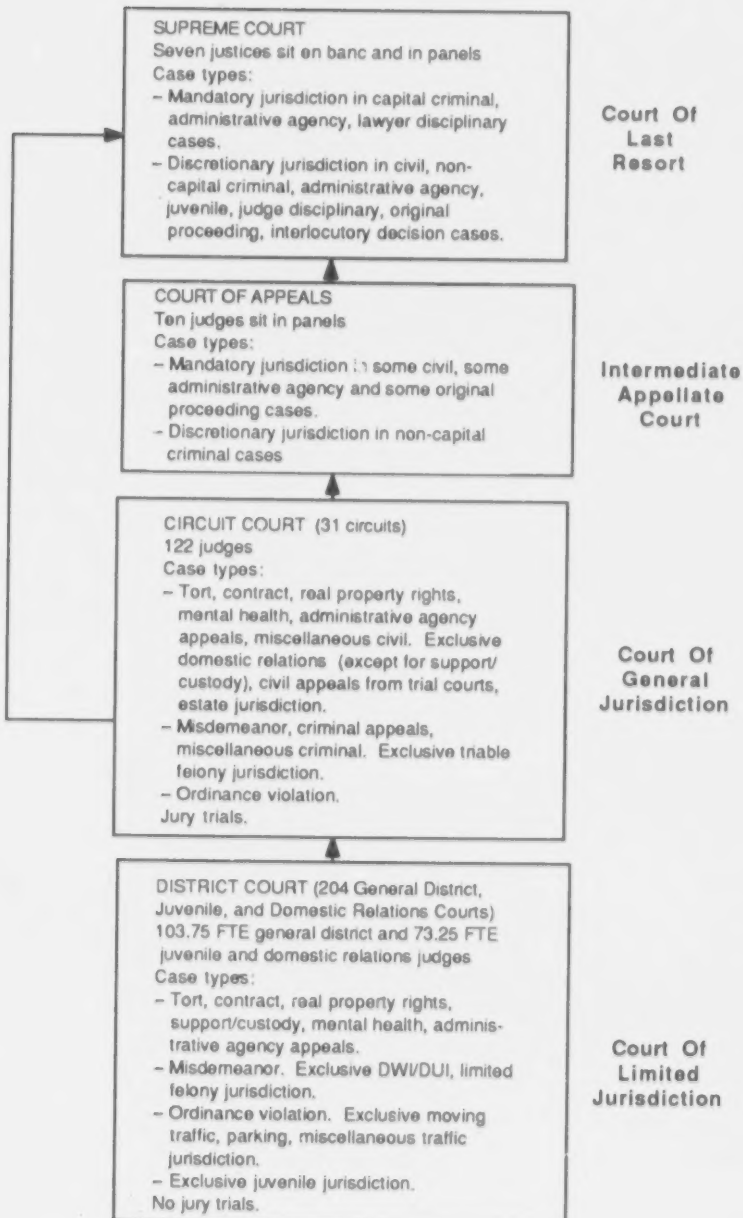




Figure 4.4
Virginia Court System



Map 4.1
Judicial Circuits and Districts

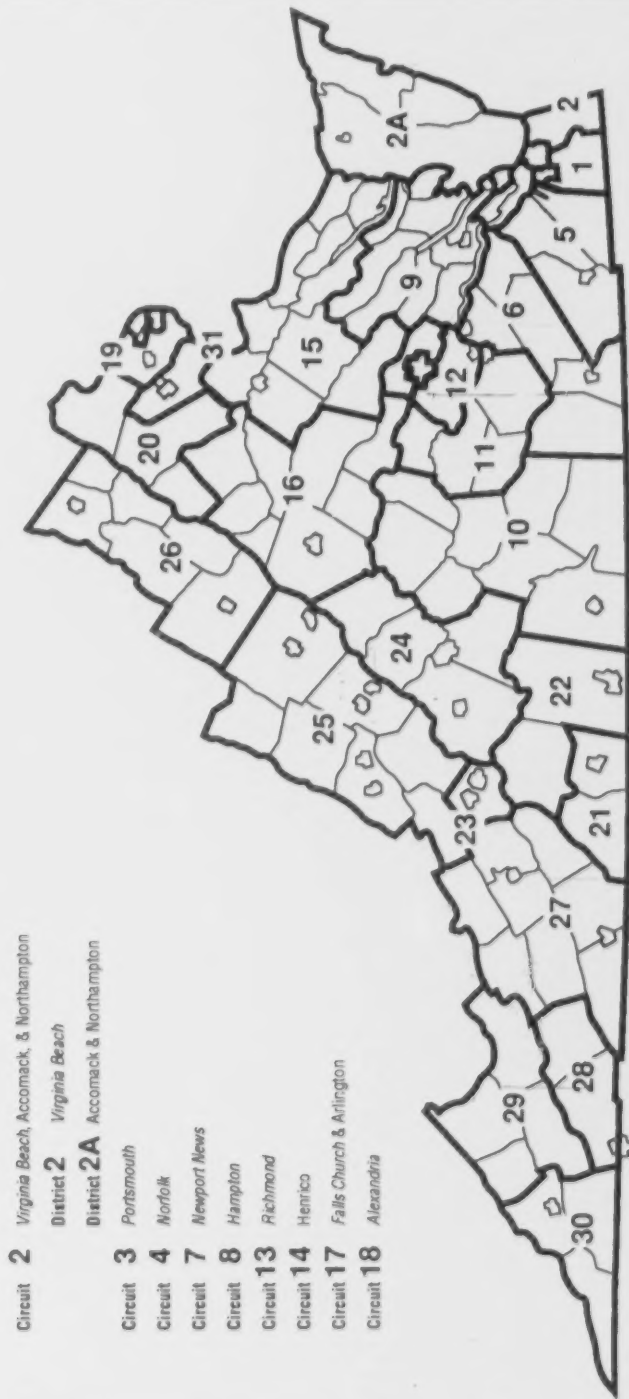


**TABLE 4.1**

State and Local Government Police and Correction Full-Time Equivalent Employment for the U.S., Virginia, and Surrounding States: 1986

	Police Protection					
	State & Local Governments		State Government Only		Correction	
	Total	Police Officers Only	Total	Police Officers Only	State & Local Governments	State Government Only
United States	648,777	495,458	78,490	52,817	368,902	241,655
Virginia	13,600	10,388	2,053	1,538	11,354	7,937
Delaware	1,651	1,212	653	466	1,492	1,492
District of Columbia	4,477	3,790	...	...	3,399	...
Florida	35,662	24,024	3,025	1,734	22,130	14,950
Georgia	15,016	11,655	1,890	1,042	10,712	8,175
Kentucky	7,408	5,396	1,738	1,017	5,781	4,402
Maryland	13,146	10,854	2,161	1,587	9,349	7,446
North Carolina	14,734	11,830	2,657	1,930	9,856	8,627
South Carolina	7,706	6,151	1,450	1,245	6,331	5,535
Tennessee	10,844	8,363	1,169	919	7,622	5,803
West Virginia	3,293	2,525	851	533	1,336	811

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Public Employment in 1986*. U.S. Government Printing Office, Washington, D.C., annual.

TABLE 4.2

State and Local Government Police and Correction Payrolls and Expenditures for the U.S., Virginia, and Surrounding States: 1986

	October Payroll			Expenditures			
	Total	Police Protection	Correction	Total	Per Capita	Police Protection	Correction
United States	\$2,122,350	\$1,409,754	\$712,596	\$37,642	\$156	\$22,685	\$14,957
Virginia	45,111	27,092	18,019	817	141	453	364
Delaware	6,342	3,800	2,542	109	171	63	46
District of Columbia	21,858	13,685	8,173	420	671	212	208
Florida	112,292	75,683	36,609	2,016	173	1,293	723
Georgia	41,658	25,281	16,377	766	126	423	343
Kentucky	20,495	11,921	8,574	341	92	206	135
Maryland	48,965	30,112	18,853	879	197	464	415
North Carolina	41,109	25,177	15,932	733	116	418	315
South Carolina	20,818	11,821	8,997	391	116	203	188
Tennessee	28,076	17,166	10,910	511	106	294	217
West Virginia	6,563	4,984	1,579	116	61	81	35

SOURCES: U.S. Department of Commerce, Bureau of the Census. *Public Employment in 1986*. U.S. Government Printing Office, Washington, D.C., annual; U.S. Department of Commerce, Bureau of the Census. *Government Finances in 1985-1986*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "October Payroll" in thousands of dollars.
"Expenditures" in millions of dollars, except per capita, in dollars.

TABLE 4.3
Crime Rates for the U.S., Virginia, and Surrounding States: 1980–1987

	1987	1986	1985	1984	1983	1982	1981	1980
United States	5,550	5,480	5,207	5,031	5,175	5,604	5,800	5,950
Virginia	3,959	3,860	3,779	3,784	3,962	4,256	4,671	4,620
Delaware	4,939	4,832	4,961	5,007	5,466	6,385	6,689	6,777
District of Columbia	8,452	8,339	8,007	8,799	9,453	10,600	NA	10,236
Florida	8,503	8,228	7,574	6,821	6,781	7,465	8,032	8,402
Georgia	5,792	5,455	5,110	4,498	4,505	5,215	5,629	5,604
Kentucky	3,270	3,092	2,947	2,959	3,435	3,568	3,532	3,434
Maryland	5,478	5,602	5,373	5,215	5,357	6,012	6,558	6,630
North Carolina	4,650	4,332	4,121	4,044	4,184	4,543	4,520	4,640
South Carolina	5,162	5,137	4,841	4,663	4,771	5,361	5,319	5,439
Tennessee	4,666	4,534	4,167	3,890	4,012	4,414	4,311	4,498
West Virginia	2,191	2,317	2,253	2,336	2,419	2,511	2,619	2,552

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: Offenses known to the police per 100,000 population.
 NA—Not available.

TABLE 4.4
Crime Rates in Virginia's Counties and Cities: 1980–1987

	1987	1986	1985	1984	1983	1982	1981	1980
Virginia	3,980	3,851	3,801	3,809	3,975	4,276	4,740	4,615
Counties								
Accomack	1,821	1,939	1,327	1,226	1,184	1,508	1,810	1,575
Albemarle	2,512	2,705	2,360	2,379	2,035	2,277	3,058	2,665
Alleghany	1,269	1,129	999	1,330	1,810	2,023	2,574	2,315
Amelia	1,148	1,057	1,258	1,129	1,115	1,288	1,297	1,067
Amherst	1,856	1,829	1,399	1,631	2,043	2,762	2,723	2,754
Appomattox	828	540	791	978	1,121	1,703	1,804	1,342
Arlington	5,606	5,300	5,192	5,055	5,042	5,235	6,268	6,384
Augusta	1,717	1,695	1,511	1,743	1,801	1,677	1,548	1,762
Bath	1,548	1,078	769	1,078	745	850	1,229	1,817
Bedford	1,298	1,097	1,118	1,191	1,148	1,661	1,661	1,781
Bland	522	836	590	553	1,093	1,106	1,181	750
Botetourt	1,803	1,508	1,428	1,560	1,539	1,761	2,003	2,509
Brunswick	1,285	1,489	1,787	1,695	1,915	1,758	2,021	1,944
Buchanan	808	766	595	867	664	758	666	754
Buckingham	1,408	1,263	1,281	1,524	1,171	1,034	936	1,255
Campbell	1,574	1,512	1,486	1,098	1,000	1,533	1,572	1,443
Caroline	1,353	1,402	1,168	1,311	1,239	1,672	2,050	1,556
Carroll	873	840	725	833	897	1,124	1,075	1,187
Charles City	833	1,376	794	916	907	1,340	1,016	1,117
Charlotte	2,074	2,032	2,067	1,987	2,257	2,116	2,487	2,300
Chesterfield	3,614	3,403	3,428	3,406	3,708	3,995	4,466	4,183
Clarke	1,421	1,679	1,107	1,505	1,786	2,290	2,840	2,911
Craig	515	567	711	691	249	753	481	125
Culpeper	2,438	2,145	1,846	2,449	2,376	2,519	2,927	2,517
Cumberland	190	396	408	438	716	723	850	829
Dickenson	636	704	800	911	898	1,094	1,080	948
Dinwiddie	1,157	1,370	1,178	924	981	1,023	1,681	1,709
Essex	2,102	2,527	2,622	2,092	2,397	2,993	2,944	2,875

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TABLE 4.4

Crime Rates in Virginia's Counties and Cities: 1980-1987, *CONTINUED*

	1987	1986	1985	1984	1983	1982	1981	1980
Fairfax	3,875	3,737	3,716	3,424	3,454	4,035	4,759	5,079
Fauquier	1,619	1,550	1,697	1,749	1,457	1,849	2,276	1,910
Floyd	793	620	654	639	890	1,045	1,003	1,209
Fluvanna	825	818	899	893	1,326	826	1,220	1,610
Franklin	1,246	1,597	1,255	1,309	1,108	1,397	1,796	1,933
Frederick	2,120	2,142	2,041	2,308	2,291	2,645	3,174	3,407
Giles	1,036	929	866	982	1,159	1,375	1,432	1,306
Gloucester	2,259	1,857	1,987	2,530	1,290	1,592	2,149	2,595
Goochland	1,583	1,746	1,565	2,074	2,157	2,148	1,990	1,925
Grayson	187	358	309	281	270	633	718	733
Greene	1,089	878	1,005	1,078	1,189	1,378	1,561	2,100
Greensville	2,629	2,560	2,479	2,123	2,292	2,305	2,339	2,760
Halifax	1,031	1,015	1,190	888	1,080	1,093	1,213	1,510
Hanover	2,312	2,291	2,401	2,286	2,360	2,661	3,631	2,893
Henrico	4,019	4,003	4,595	4,290	4,539	5,112	6,294	5,619
Henry	2,338	2,104	1,939	2,064	2,521	2,460	2,779	2,851
Highland	607	482	845	490	727	368	1,021	833
Isle of Wight	1,278	1,302	1,261	1,524	1,787	1,848	2,194	2,150
James City	3,723	3,612	3,268	3,622	3,524	3,395	3,150	2,404
King and Queen	894	810	1,229	1,098	1,124	684	704	267
King George	2,234	1,654	1,433	867	1,703	1,861	1,394	1,530
King William	980	1,111	1,794	1,282	1,283	1,251	1,522	1,400
Lancaster	1,302	1,297	1,569	1,941	2,045	1,942	1,945	1,610
Lee	692	808	873	777	1,017	807	836	1,211
Loudoun	2,563	2,570	2,227	2,378	2,475	2,690	3,462	3,250
Louisa	1,030	1,249	1,319	1,634	1,780	1,654	2,379	1,783
Lunenburg	808	686	721	856	982	934	1,295	1,283
Madison	2,436	1,496	1,546	1,630	1,925	2,086	2,306	2,060
Mathews	629	426	635	485	846	692	851	1,213
Mecklenburg	2,239	2,461	2,795	2,285	2,692	3,035	3,243	2,927
Middlesex	1,495	1,786	1,963	2,119	1,585	1,120	1,179	1,600
Montgomery	3,675	2,980	2,885	2,631	3,753	2,846	2,952	2,729
Nelson	745	867	939	967	1,060	1,176	1,327	1,391
New Kent	2,124	2,410	1,730	1,875	1,767	1,950	1,685	1,988
Northampton	2,134	1,716	2,149	2,511	3,136	3,775	3,597	3,106
Northumberland	1,338	1,336	1,375	1,819	1,263	1,224	1,862	1,600
Nottoway	2,236	1,988	2,837	2,800	2,805	3,293	3,321	3,229
Orange	2,263	1,936	1,899	1,602	1,780	2,272	2,373	2,889
Page	1,211	1,548	2,050	1,896	1,313	1,542	2,036	2,089
Patrick	1,897	1,784	1,739	1,374	1,247	1,454	1,450	1,981
Pittsylvania	1,423	1,616	1,264	1,341	1,117	1,926	2,171	2,071
Powhatan	912	708	730	939	766	718	934	1,238
Prince Edward	1,010	1,746	1,444	1,411	1,414	1,278	1,355	1,388
Prince George	1,695	1,646	1,439	1,354	1,427	1,409	1,535	1,890
Prince William	3,982	2,787	3,260	3,113	3,006	3,213	4,126	4,099
Pulaski	2,683	2,764	3,067	3,375	3,503	3,568	3,948	4,065
Rappahannock	912	803	889	774	1,185	1,084	1,149	1,717
Richmond	742	497	829	1,087	725	615	719	600
Roanoke	2,735	2,868	2,082	2,587	2,692	2,811	3,161	3,701
Rockbridge	1,916	1,783	1,821	2,018	2,360	2,690	2,965	3,844
Rockingham	772	758	773	793	840	1,387	1,478	1,409
Russell	681	723	637	586	986	916	1,055	1,069
Smyth	975	1,110	1,328	1,305	1,243	1,686	2,119	2,324
Southampton	1,664	1,655	1,733	1,577	1,445	1,208	1,244	1,279
Spotsylvania	4,112	3,419	2,867	2,991	3,417	2,918	3,380	3,877
Scott	777	776	876	971	1,030	960	1,300	1,284
Shenandoah	1,498	1,265	1,451	1,191	1,235	1,160	1,390	1,539
Stafford	1,725	1,621	1,967	1,664	1,980	2,153	2,629	2,645
Surry	1,680	1,244	1,306	1,037	1,636	1,740	1,671	1,820

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TABLE 4.4
Crime Rates in Virginia's Counties and Cities: 1980-1987, *CONTINUED*

	1987	1986	1985	1984	1983	1982	1981	1980
Sussex	2,010	2,146	2,541	2,697	2,646	2,818	2,271	1,755
Tazewell	1,219	1,385	1,308	1,394	1,595	2,002	1,790	1,669
Warren	3,504	3,887	3,636	3,625	3,804	3,309	4,448	3,876
Washington	1,410	1,587	1,542	1,236	1,186	1,862	1,747	1,924
Westmoreland	2,154	2,043	1,739	2,396	3,298	3,586	2,735	3,143
Wise	1,702	1,665	1,552	1,658	1,676	1,503	1,493	1,578
Wythe	1,989	2,054	1,783	1,485	1,214	1,539	1,842	1,879
York	2,565	2,401	2,140	2,197	2,381	2,405	2,837	2,563
Cities								
Alexandria	6,901	6,915	7,375	7,257	7,712	8,285	8,871	9,221
Bedford	2,037	1,852	1,999	2,629	1,792	3,744	4,240	2,850
Bristol	4,101	5,094	5,088	5,305	4,884	5,407	5,141	4,471
Buena Vista	1,246	1,564	1,326	1,766	1,724	2,100	2,576	3,083
Charlottesville	7,421	7,329	7,664	8,443	8,815	8,583	8,587	9,580
Chesapeake	4,914	4,147	4,072	3,995	3,762	3,876	3,965	3,919
Clifton Forge	1,896	1,748	2,804	2,479	2,909	3,515	3,369	4,025
Colonial Heights	2,720	3,267	3,361	3,126	2,996	3,375	4,052	3,517
Covington	1,905	2,138	3,016	2,730	3,288	3,486	3,465	3,712
Danville	3,643	3,274	3,144	3,184	3,015	3,584	3,536	3,705
Emporia	8,422	8,917	7,600	7,872	7,501	9,791	11,136	8,220
Fairfax	6,363	6,135	6,552	5,646	5,814	5,970	8,324	7,545
Falls Church	5,797	5,622	5,690	6,177	6,108	6,710	8,061	7,456
Franklin	3,967	3,647	3,846	3,543	3,824	4,455	4,516	4,414
Fredericksburg	5,794	5,878	7,266	7,234	8,090	9,542	9,366	7,624
Galax	2,810	4,107	4,503	4,234	4,092	3,792	4,292	3,617
Hampton	5,907	6,045	5,776	6,056	5,704	6,033	6,108	5,994
Harrisonburg	4,336	4,515	5,970	5,071	5,598	4,678	3,848	4,250
Hopewell	4,452	4,375	4,396	4,377	5,404	7,471	7,612	6,846
Lexington	2,980	4,043	3,350	2,910	2,840	3,277	2,263	3,300
Lynchburg	4,977	5,010	4,816	5,236	5,534	6,771	6,583	5,772
Manassas	4,409	3,692	3,031	3,557	2,860	3,691	4,372	3,985
Manassas Park	3,338	2,892	3,087	3,504	3,317	4,170	5,779	3,856
Martinsville	6,206	5,415	6,324	6,403	8,173	7,426	7,813	7,156
Newport News	4,978	5,193	4,935	5,350	5,148	5,590	6,408	6,293
Norfolk	7,627	7,112	7,193	7,184	7,652	7,980	7,795	7,277
Norton	3,462	3,862	3,348	5,086	4,824	5,121	6,454	6,575
Petersburg	7,898	7,590	7,186	8,431	8,425	9,423	9,926	8,333
Poquoson	1,562	1,690	2,049	2,400	1,866	2,040	2,246	2,500
Portsmouth	7,068	6,209	6,172	5,940	5,283	5,781	6,022	5,907
Radford	967	1,223	1,761	2,693	2,606	2,509	2,601	3,633
Richmond	8,622	8,454	8,459	9,204	10,920	10,533	11,331	10,125
Roanoke	7,595	7,993	8,283	8,142	8,554	9,209	9,816	10,423
Salem	3,717	3,189	3,174	2,976	3,372	3,986	5,163	4,640
South Boston	1,759	2,218	2,623	1,745	2,514	3,056	3,313	3,657
Staunton	3,115	3,074	3,846	4,153	4,508	4,254	4,209	4,110
Suffolk	4,651	4,629	4,631	4,828	4,842	5,823	5,947	4,975
Virginia Beach	5,634	5,509	5,177	4,940	5,015	5,186	5,862	5,948
Waynesboro	3,588	3,596	3,653	4,159	3,377	3,260	3,673	4,731
Williamsburg	5,474	4,115	4,568	5,008	5,384	4,907	5,654	4,545
Winchester	6,373	7,005	5,830	5,449	6,071	6,371	7,133	6,200

SOURCE: Commonwealth of Virginia, Department of State Police. *Crime in Virginia 1987*. Richmond, Virginia, annual.

NOTE: Per 100,000 population.



TABLE 4.5
Crime Rates by Type for the U.S., Virginia, and Surrounding States: 1987

	Total	Violent Crime				Property Crime		
		Murder	Forcible Rape	Robbery	Aggravated Assault	Burglary	Larceny-Theft	Motor Vehicle Theft
United States	5,550	8.3	37.4	213	351	1,330	3,081	529
Virginia	3,959	7.4	26.0	106	156	807	2,603	254
Delaware	4,939	5.1	68.5	123	235	1,020	3,176	312
District of Columbia	8,452	36.2	39.4	717	817	1,808	4,021	1,012
Florida	8,503	11.4	50.2	357	606	2,257	4,545	677
Georgia	5,792	11.8	43.1	209	312	1,552	3,171	492
Kentucky	3,270	7.5	21.0	90	219	847	1,892	193
Maryland	5,478	9.6	39.6	290	428	1,162	2,965	582
North Carolina	4,650	8.1	29.1	94	353	1,356	2,586	224
South Carolina	5,162	9.3	43.7	101	511	1,358	2,858	281
Tennessee	4,666	9.1	43.9	194	287	1,352	2,213	567
West Virginia	2,191	4.8	22.6	31	79	604	1,288	162

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: Offenses known to the police per 100,000 population.
 "Murder" includes nonnegligent manslaughter.

TABLE 4.6
Crimes and Crime Rates by Type, Virginia: 1985-1987

Offense	1987		1986		1985	
	Number	Rate	Number	Rate	Number	Rate
Murder, nonnegligent manslaughter	437	7.44	411	7.09	405	7.14
Forcible rape	1,537	26.17	1,533	26.43	1,551	27.34
Robbery	6,244	106.29	6,118	105.48	5,720	100.82
Aggravated assault	9,196	156.55	9,646	166.31	9,137	161.05
Burglary	47,642	811.02	47,021	810.69	44,797	789.58
Larceny	153,690	2,616.31	145,935	2,516.06	142,806	2,517.07
Motor vehicle theft	15,022	255.72	12,702	218.99	11,226	197.87
Arson	2,197	37.40	2,311	39.84	2,269	39.99

SOURCE: Commonwealth of Virginia, Department of State Police. *Crime in Virginia, 1987*. Richmond, Virginia, annual.

NOTE: "Rate" is per 100,000 population.

TABLE 4.7
Crimes Known to Police in Virginia's Counties and Cities: 1987

	Murder & Non- negligent Man- slaughter	Forcible Rape	Robbery	Aggravated Assault	Buglary	Larceny	Motor Vehicle Theft	Arson
Virginia	436	1,533	6,239	9,125	47,509	150,371	14,959	2,183
Counties								
Accomack	2	4	8	13	284	247	26	4
Albemarle	3	4	16	58	304	1,166	83	5
Alleghany	...	...	1	18	64	92	11	11
Amelia	1	4	1	6	41	43	7	...
Amherst	6	1	3	60	88	368	32	19
Appomattox	1	...	...	10	23	72	1	...
Arlington	4	44	361	304	1,417	5,455	1,116	95
Augusta	3	3	4	58	179	606	38	3
Bath	...	1	...	6	33	45	2	3
Bedford	2	12	...	19	191	290	22	2
Bland	...	...	...	2	10	23	1	1
Botetourt	1	9	2	18	118	281	24	3
Brunswick	2	3	6	18	89	86	3	...
Buchanan	1	4	...	39	90	151	34	5
Buckingham	1	1	1	31	69	63	8	...
Campbell	2	11	4	74	133	517	30	9
Caroline	1	9	2	25	76	137	18	2
Carroll	6	1	...	13	102	113	15	4
Charles City	...	2	1	10	13	27	4	...
Charlotte	...	3	1	28	77	116	17	1
Chesterfield	6	28	87	76	1,439	4,669	338	72
Clarke	1	1	2	4	51	79	13	3
Craig	1	...	...	1	16	3	1	...
Culpeper	...	4	3	67	70	433	22	2
Cumberland	...	...	...	...	11	5	...	...
Dickenson	1	...	...	27	41	46	20	4
Dinwiddie	...	5	2	18	92	123	12	19
Essex	2	6	...	6	28	143	8	...
Fairfax	15	71	545	416	3,749	19,885	2,241	349
Fauquier	1	1	7	25	129	470	55	3
Floyd	1	2	...	14	37	35	9	...
Fluvanna	3	4	...	...	50	34	2	1
Franklin	2	4	5	34	103	293	40	...
Frederick	1	9	6	20	169	555	63	6
Giles	...	...	1	23	40	114	11	6
Gloucester	3	5	3	30	89	444	37	6
Goochland	...	5	2	11	76	104	11	2
Grayson	1	...	...	4	12	13	2	...
Greene	...	1	...	11	28	51	8	2
Greensville	...	2	6	19	60	191	7	3
Halifax	3	1	4	38	109	145	17	3
Hanover	5	8	25	23	312	878	78	6
Henrico	16	49	192	188	1,760	5,341	486	82
Henry	6	1	23	50	437	764	73	22
Highland	...	1	...	3	7	6	2	...
Isle of Wight	4	4	6	9	90	170	19	1
James City	...	9	16	92	156	737	45	1
King and Queen	...	1	2	22	21	10	2	1
King George	3	3	2	10	74	162	17	1
King William	...	...	1	19	23	54	6	2
Lancaster	...	2	...	33	47	58	9	...
Lee	3	3	1	33	72	63	19	5
Loudoun	1	9	10	85	316	1,200	129	7

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TABLE 4.7
Crimes Known to Police in Virginia's Counties and Cities: 1987, *CONTINUED*

	Murder & Non- negligent Man- slaughter	Forcible Rape	Robbery	Aggravated Assault	Buglary	Larceny	Motor Vehicle Theft	Arson
Louisa	1	2	2	18	66	81	33	1
Lunenburg	3	3	...	16	22	52	3	...
Madison	1	1	...	3	112	145	4	...
Mathews	...	1	3	5	17	25	6	2
Mecklenburg	5	4	3	61	210	362	25	3
Middlesex	3	1	...	5	44	67	9	3
Montgomery	...	16	9	83	495	1,790	119	26
Nelson	1	...	1	7	34	47	3	2
New Kent	...	...	...	20	70	117	23	2
Northampton	2	4	9	12	127	143	18	2
Northumberland	1	1	...	5	49	78	3	...
Nottoway	2	3	2	36	91	186	15	...
Orange	2	3	4	20	134	270	21	6
Page	...	5	1	28	107	87	24	5
Patrick	...	2	...	36	88	206	13	4
Pittsylvania	3	9	11	52	337	516	40	9
Powhatan	2	1	1	18	48	61	7	2
Prince Edward	...	2	4	12	46	112	4	1
Prince George	1	5	4	16	167	264	18	9
Prince William	3	44	104	186	1,335	4,889	519	41
Pulaski	2	7	5	47	237	644	33	5
Rappahannock	...	...	...	4	28	21	4	1
Richmond	...	1	...	...	17	32	3	2
Roanoke	...	8	11	77	300	1,685	71	16
Rockbridge	1	3	4	8	94	237	10	2
Rockingham	2	1	1	27	107	262	33	7
Russell	1	1	1	19	67	126	16	6
Scott	2	...	4	13	98	67	17	1
Shenandoah	...	4	5	22	110	285	23	10
Smyth	...	5	3	38	94	176	18	1
Southampton	...	3	4	21	122	139	16	4
Spotsylvania	...	12	13	41	274	1,308	100	2
Stafford	3	1	23	63	151	580	73	10
Surry	...	2	2	9	52	40	1	...
Sussex	...	...	10	23	64	91	17	4
Tazewell	1	2	5	76	199	336	30	5
Warren	2	8	4	27	223	516	49	12
Washington	...	10	7	22	260	350	46	10
Westmoreland	4	4	7	26	127	127	16	8
Wise	1	7	9	31	222	483	55	10
Wythe	...	4	3	11	58	423	31	6
York	...	11	13	58	227	700	54	5
Cities								
Alexandria	8	43	419	215	1,308	4,305	1,139	52
Bedford	...	3	1	7	10	104	6	1
Bristol	...	4	10	27	154	529	36	5
Buena Vista	...	3	1	3	17	60	3	1
Charlottesville	4	25	72	155	565	2,102	148	26
Chesapeake	7	32	202	302	1,783	3,975	307	74
Clifton Forge	...	...	...	1	13	83	1	1
Colonial Heights	...	3	7	10	57	370	23	...
Covington	...	1	...	18	41	79	13	1
Danville	3	7	13	34	278	1,262	47	16
Emporia	...	2	5	17	79	283	9	2
Fairfax	...	3	20	8	151	1,046	100	11
Falls Church	...	2	14	41	68	370	65	3

CONTINUED

TABLE 4.7

Crimes Known to Police in Virginia's Counties and Cities: 1987, *CONTINUED*

	Murder & Non- negligent Man- slaughter	Forcible Rape	Robbery	Aggravated Assault	Buglary	Larceny	Motor Vehicle Theft	Arson
Franklin	...	3	7	33	48	223	3	...
Fredericksburg	1	10	30	41	146	844	81	1
Galax	...	1	...	1	27	158	10	...
Hampton	10	42	200	172	1,235	5,510	326	57
Harrisonburg	3	3	9	12	208	927	30	3
Hopewell	4	4	23	56	271	704	27	35
Lexington	...	...	...	6	39	156	4	...
Lynchburg	4	25	61	262	488	2,498	126	...
Manassas	1	1	11	6	133	638	79	...
Manassas Park	...	2	2	15	21	189	5	...
Martinsville	1	10	20	85	258	752	55	5
Newport News	16	73	243	419	1,765	4,932	470	57
Norfolk	50	181	1,008	915	4,646	12,734	1,241	224
Norton	1	2	1	5	38	116	8	1
Petersburg	6	27	158	230	712	1,895	124	17
Poquoson	...	...	1	32	28	103	5	1
Portsmouth	29	80	332	386	1,783	4,878	410	182
Radford	...	4	...	...	13	99	20	...
Richmond	78	183	1,084	1,279	4,148	9,993	1,840	121
Roanoke	16	28	182	209	1,764	5,170	232	71
Salem	1	3	2	12	125	717	53	3
South Boston	1	...	1	2	24	98	4	...
Staunton	2	6	6	38	176	525	21	8
Suffolk	11	21	78	214	669	1,370	109	13
Virginia Beach	11	125	323	269	4,046	13,198	761	152
Waynesboro	3	3	5	25	97	503	32	12
Williamsburg	...	1	20	10	63	493	21	1
Winchester	1	11	14	30	169	1,078	48	5
MSAs								
Bristol (Va. portion)	2	14	21	62	512	946	99	16
Charlottesville	10	34	88	224	947	3,353	241	34
Danville	6	16	24	86	615	1,778	87	25
Lynchburg	12	37	68	396	709	3,383	188	28
Norfolk	137	580	2,439	2,899	16,490	49,074	3,786	773
Northern Virginia	35	220	1,509	1,339	8,649	38,557	5,466	568
Richmond	118	320	1,586	1,955	9,165	24,546	2,991	367
Roanoke	18	48	197	316	2,307	7,853	380	93
Planning Districts								
LENOWISCO	7	12	15	82	430	729	99	17
Cumberland Plateau	4	7	6	161	397	659	100	20
Mount Rogers	7	25	23	118	717	1,785	159	27
New River Valley	3	29	15	167	822	2,682	192	37
Fifth	19	49	198	354	2,441	8,110	406	106
Central Shenandoah	14	24	30	186	957	3,327	175	39
Lord Fairfax	5	38	32	131	829	2,600	220	41
Northern Virginia	32	219	1,486	1,276	8,498	37,977	5,393	558
Rappahannock-Rapidan	4	9	14	119	473	1,339	106	12
Thomas Jefferson	12	36	91	249	1,047	3,481	277	37
Central Virginia	15	52	69	432	933	3,849	217	31
West Piedmont	15	33	72	291	1,501	3,793	268	56
Southside	11	8	14	119	432	691	49	6
Piedmont	7	16	9	129	357	577	54	2
Richmond Regional	107	276	1,392	1,625	7,866	21,190	2,787	287

CONTINUED ➡



TABLE 4.7
Crimes Known to Police in Virginia's Counties and Cities: 1987, *CONTINUED*

	Murder & Non- negligent Man- slaughter	Forcible Rape	Robbery	Aggravated Assault	Buglary	Larceny	Motor Vehicle Theft	Arson
RADCO	8	35	70	180	721	3,031	289	16
Northern Neck	5	8	7	64	240	295	31	10
Middle Peninsula	8	14	9	87	222	743	68	14
Crater	11	50	217	398	1,554	3,961	238	89
Southeastern Virginia	112	449	1,960	2,149	13,187	36,687	2,866	650
Peninsula	26	136	493	783	3,474	12,475	921	122
Accomack-Norhampton	4	8	17	25	411	390	44	6

SOURCE: Commonwealth of Virginia, Department of State Police. *Crime in Virginia 1987*. Richmond, Virginia, annual.

NOTES: A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
 A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 4.8
**Adults Under Correctional Supervision for the
 U.S., Virginia, and Surrounding States: 1986**

	Total		Prison	Parole	Probation
	Number	Rate			
United States ¹	3,2390.0	182	545.1	326.8	2,094.4
Virginia	42.0	96	12.9	5.8	17.7
Delaware	11.8	249	2.8	1.0	8.0
District of Columbia	24.9	510	6.6	3.7	12.3
Florida	190.2	210	32.2	3.5	140.2
Georgia	138.6	316	17.4	10.4	100.6
Kentucky	19.4	71	5.3	3.6	6.8
Maryland	94.5	282	13.3	7.5	69.1
North Carolina	83.1	177	17.7	3.3	58.6
South Carolina	35.5	145	11.7	2.9	18.2
Tennessee	48.5	137	7.6	8.6	26.3
West Virginia	7.2	51	1.5	0.7	4.0

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In thousands, except rate. As of Dec. 31. Excludes juveniles, persons incarcerated in mental health institutions in lieu of prison, persons held by the armed services, persons held on Indian reservations, parolees under county jurisdiction, parolees whose sentence was for one year or less, and court probationers (those not placed under the supervisory authority of a probation agency.)

"Total" includes both convicted and unconvicted adults held in locally operated jails.

"Rate" is per 10,000 persons 18 years old and over.

"Prison" includes all inmates of Federal and State institutions.

"Parole" includes all adults under State parole supervision, whether released from prison via parole board action or mandatory release, who were sentenced to more than one year in prison.

"Probation" includes all adults who, as part of a State or local court order, have been placed under the supervisory authority of a probation agency.

¹Includes both State and Federal.

TABLE 4.9
Prisoners Under Jurisdiction of State and Federal Correctional
Authorities for the U.S., Virginia, and Surrounding States: 1980-1987

	1987			1986 Total	1985 Total	1980 Total
	Total Prisoners	Prisoners as Percent of Capacity	Sentenced to More than One Year			
United States	581,609	116.2	557,256	546,659	503,271	329,821
Virginia ¹	13,321	127.6	12,931	12,930	12,073	8,920
Delaware ²	2,931	109.2	2,120	2,828	2,553	1,474
District of Columbia ³	7,448	103.6	5,585	6,746	6,404	3,145
Florida ⁴	32,445	102.2	32,360	32,228	28,600	20,735
Georgia ⁴	18,575	108.6	17,210	17,363	16,014	12,178
Kentucky ⁵	5,471	101.8	5,471	6,322	5,801	3,588
Maryland ⁶	13,467	108.5	12,912	13,326	13,005	7,731
North Carolina ⁶	17,249	99.4	16,151	17,762	17,344	15,513
South Carolina ⁷	12,664	129.1	11,862	11,676	10,510	7,862
Tennessee ⁸	7,624	98.5	7,624	7,182	7,127	7,022
West Virginia ⁹	1,461	92.6	1,461	1,482	1,725	1,257

SOURCES: U.S. Department of Justice, Office of Justice Programs, Bureau of Justice Statistics. *Correctional Populations in the United States, 1986*. U.S. Government Printing Office, Washington, D.C., annual; U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "1987 Prisoners as Percent of Capacity." States can report three estimates of prison capacity: rated, operational, and design. Some states report fewer estimates or the same number for all estimates. Excludes persons housed in local jails. Data are as of December 31, except as noted.

¹1985 year ended January 3, 1986. Total prisoners for 1986 includes prisoners held in jails because of crowding.

²Includes both jail and prison inmates (State has combined jail and prison system).

³Includes both jail and prison inmates (State has combined jail and prison system). Excludes State prisoners held in local jails because of overcrowding. Numbers are custodial, not jurisdictional counts.

⁴Numbers are custodial, not jurisdictional counts.

⁵1986 total includes prisoners held in jails because of crowding.

⁶Data for 1985 and 1986 are state estimated number of prisoners with sentences of 2 years or more instead of more than 1 year.

⁷1986 data includes prisoners held in jails because of crowding.

⁸Excludes State prisoners held in local jails because of overcrowding. Numbers are custodial, not jurisdictional counts.

⁹1987 data are state estimated number of prisoners with sentences of 2 years or more instead of more than one year; 1986 capacity figures for males only.

TABLE 4.10
Average Daily Adult Population Incarcerated in
State Institutions, Virginia: 1983-1987

Institution	Adult Population Incarcerated				
	1987	1986	1985	1984	1983
Major Institutions	8,291	7,922	7,439	6,995	6,771
Augusta Correctional Center ¹	705	376	...	...	...
Bland Correctional Center	459	457	446	448	449
Brunswick Correctional Center	700	687	688	695	708
Buckingham Correctional Center	717	705	711	692	429

CONTINUED ➡



TABLE 4.10
Average Daily Adult Population Incarcerated in State
Institutions, Virginia: 1983–1987, *CONTINUED*

Institution	Adult Population Incarcerated				
	1987	1986	1985	1984	1983
Deep Meadow Correctional Center ²	...	...	...	347	400
Deerfield Correctional Center	321	319	294	289	282
James River Correctional Center	334	325	318	317	312
Marion Correctional Treatment Center	158	156	161	136	151
MCV Security Ward	9	6	5	8	6
Mecklenburg Correctional Center	332	313	301	293	255
Nottoway Correctional Center ³	703	700	711	...	...
Powhatan Correctional Complex	1,048	957	922	923	1,008
St. Brides Correctional Center	446	452	435	427	421
Southampton Correctional Complex	634	702	584	584	586
Southampton Youthful Offender Center	99	72	87	92	66
Staunton Correctional Center	551	542	524	525	510
The Penitentiary	714	777	873	868	869
Virginia Correctional Center for Women	370	376	379	351	319
Correctional Units	2,686	2,667	2,565	2,633	2,501
Unit 1 Pulaski	43	46	44	65	5
Unit 2 Caroline	131	129	127	128	125
Unit 3 Nansemond	96	93	90	90	85
Unit 4 Baskerville	123	123	103	102	97
Unit 7 White Post	88	87	88	88	87
Unit 8 Harrisonburg	96	104	95	94	75
Unit 9 Rustburg	111	105	99	98	94
Unit 10 Greenville	103	99	87	87	80
Unit 11 Culpeper	69	69	65	64	59
Unit 12 Fluvanna	94	86	90	88	84
Unit 13 Pocahontas	215	211	209	207	202
Unit 15 Chatham	101	93	95	95	91
Unit 16 New Kent	97	93	97	93	92
Unit 17 Haynesville	103	98	86	85	86
Unit 18 Wise	99	90	89	90	81
Unit 20 Capron	87	95	84	84	93
Unit 21 Stafford	104	103	91	90	89
Unit 22 Tidewater	107	107	101	98	96
Unit 23 Halifax	189	180	181	182	171
Unit 24 Smith Mountain Lake	72	91	90	88	84
Unit 25 Botetourt	60	68	66	89	86
Unit 26 Haymarket	103	94	87	89	90
Unit 27 Dinwiddie	97	92	90	90	86
Unit 28 Patrick Henry	93	107	99	101	95
Unit 30 Fairfax	65	95	113	149	139
Unit 31 Tazewell	111	109	99	99	84
Work Release	374	312	250	155	191
TOTAL, ALL STATE INSTITUTIONS	11,455	10,901	10,254	9,783	9,463

SOURCES: Commonwealth of Virginia, Virginia Department of Corrections, Research and Evaluation Unit, *Population Summary, June 1987*, Richmond, Virginia, annual; Commonwealth of Virginia, Virginia Department of Corrections, Research and Reporting Unit, *Statistical Summary, Fiscal Year 1985*, Richmond, Virginia, annual.

NOTES: Data are for June of each year.

¹ Augusta Correctional Center opened on February 5, 1986.

² Deep Meadow Correctional Center closed September 18, 1984.

³ Nottoway Correctional Center opened on August 3, 1984.

TABLE 4.11
Prisoners Under Sentence of Death and Executed Under Civil Authority
for the U.S., Virginia, and Surrounding States: 1940-1987

	1980 to 1987	1970 to 1979	1960 to 1959	1950 to 1959	1940 to 1949
United States ¹	90	3	191	717	1,284
Virginia	6	...	6	23	35
Delaware	...	...	...	...	4
District of Columbia	...	...	...	4	16
Florida	16	1	12	49	65
Georgia	12	...	14	85	130
Kentucky	...	...	1	16	34
Maryland	...	...	1	6	45
North Carolina	3	...	1	19	112
South Carolina	2	...	8	26	61
Tennessee	...	...	1	8	37
West Virginia	...	...	...	9	11

SOURCES: U.S. Department of Justice, Bureau of Justice Statistics. *Bureau of Justice Statistics Bulletin*, "Capital Punishment 1987," U.S. Government Printing Office, Washington, D.C., 1988; U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1988*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: ¹Includes 23 Federal executions not allocated to an individual state (1940-1949, 13; 1950-1959, 9; and 1960-1969, 1).

TABLE 4.12
Lawyers in the U.S., Virginia, and Surrounding States: 1960-1985

	1985			1980	1970	1960
	Total	In Private Practice	Population Per Lawyer			
United States	655,191	460,206	360	542,205	324,818	265,933
Virginia	13,390	9,031	421	10,895	6,401	4,724
Delaware	1,597	896	384	1,332	733	514
District of Columbia	28,399	12,617	22	25,465	15,501	12,564
Florida	30,444	21,709	361	23,521	10,917	7,737
Georgia	13,652	10,097	428	11,087	5,517	4,806
Kentucky	7,017	4,941	531	6,200	3,625	3,337
Maryland	12,866	8,405	338	10,648	6,619	5,224
North Carolina	9,265	6,520	665	7,459	4,367	3,613
South Carolina	5,021	3,755	657	4,195	2,236	1,884
Tennessee	6,782	6,206	537	7,802	4,770	4,231
West Virginia	2,835	2,033	689	2,566	1,719	1,789

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1988*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: Represents all persons who are members of the bar, including those in industries, educational institutions, etc., as well as those inactive or retired.
 "Total" and 1980 data are weighted to account for non-reporters and duplicate listings.
 "Population Per Lawyer" is based on Bureau of the Census estimated resident population, including Armed Forces stationed in area as of July 1, 1984.
 1970 data represent lawyers reporting only. Includes an estimated adjustment (subtraction) to account for duplications. Based on reporting from approximately 90 percent of all lawyers.
 1960 data include lawyers not reporting.



TABLE 4.13
Summary Data for the Supreme Court of Virginia: 1981-1987

	1987	1986	1985	1984	1983	1982	1981
Number of petitions for appeal and original jurisdiction petitions filed:							
Cases certified from the Court of Appeals	1,443	1,232	1,043	1,915	2,073	2,290	2,257
Petitions granted	4	6	5	---	---	---	---
Petitions refused	120	150	255	308	273	302	271
Petitions withdrawn	876	838	1,061	1,611	1,649	2,016	1,552
Cases decided by opinions	52	52	54	109	106	110	112
Cases decided by orders ¹	149	152	174	176	171	178	185
Rehearings filed	71	88	38	126	105	80	82
Local attorneys qualified	111	106	101	131	99	107	92
Foreign attorneys licensed and qualified	985	1,006	907	900	678	940	701
Orders entered to show cause or respond	87	127	112	97	77	104	101
	445	332	360	305	345	341	353

SOURCE: Commonwealth of Virginia, The Supreme Court of Virginia. *State of the Judiciary Report 1987*. Richmond, Virginia, annual.

NOTE: ¹Includes appeals awarded and cases remanded, Writs of Habeas Corpus awarded and made returnable to trial courts, cases dismissed, etc.

TABLE 4.14
Summary Data for the General District Court System, Virginia: 1977-1987

Year	Authorized Judgeships	New Cases	Hearings	Depositions
1987	103.75	2,552,203	2,596,452	2,557,172
1986	102.75	2,456,886	2,423,149	2,428,186
1985	102.75	2,310,211	2,263,537	2,276,158
1984	99.75	2,193,182	2,450,098	2,074,685
1983	99.75	2,099,806	2,398,873	1,990,997
1982	98.75	2,020,613	2,393,399	1,933,773
1981	98.75	1,969,921	2,319,415	1,885,552
1980	97.75	1,860,060	2,190,549	1,777,696
1979	96.60	1,699,919	1,997,001	1,629,706
1978	94.40	1,596,654	1,879,035	1,526,444
1977	93.70	1,481,055	1,694,270	1,403,438

SOURCE: Commonwealth of Virginia, The Supreme Court of Virginia. *State of the Judiciary Report 1987*. Richmond, Virginia, annual.

TABLE 4.15
Summary Data for the Court of Appeals, Virginia: 1985-1987

	1987	1986	1985
Total cases filed	1,625	1,536	1,648
Total petitions refused and cases disposed	1,743	1,476	689
Criminal Petitions			
Filed	1,189	1,067	1,092
Granted	260	235	183
Refused	555	648	441
Original Jurisdiction			
Filed	12	26	18
Disposed	24	25	13
Appeal of Right			
Filed	422	423	538

SOURCE: Commonwealth of Virginia, The Supreme Court of Virginia. *State of the Judiciary Report 1987*. Richmond, Virginia, annual.

TABLE 4.16
State Trial Court Juvenile Caseloads for Virginia and Surrounding States: 1985

	Total Juvenile Filings	Total Juvenile Disposition	Dispositions as a Percentage of Filings	Filings Per 100,000 Juvenile Population
Virginia	77,852	70,964	91%	5,391
Delaware	NA	NA	NA	NA
District of Columbia	11,947	11,650	98	9,051
Florida	82,920	61,724	74	3,270
Georgia	38,993	36,085	93	2,352
Kentucky	42,639	39,354	92	4,168
Maryland	31,008	29,882	96	2,827
North Carolina	20,299	22,718	112	1,277
South Carolina ¹	10,983	10,715	96	1,191
Tennessee	NA	NA	NA	NA
West Virginia	5,822	5,588	96	1,128

SOURCE: National Center for State Courts. *State Court Caseload Statistics: Annual Report 1985*. Williamsburg, Virginia, annual.

NOTES: ¹Includes Family Court cases and excludes Magistrate Court cases.
 NA—Not available.

**TABLE 4.17****Summary Data for the Juvenile and Domestic Relations District Court System, Virginia: 1977-1987**

Year	Authorized Judgeships	New Cases	Hearings	Depositions
1987	73.25	250,146	456,784	236,747
1986	71.25	236,188	431,246	222,461
1985	69.25	232,595	422,433	217,538
1984	69.25	210,791	413,196	187,224
1983	69.25	210,065	398,879	185,174
1982	69.25	210,131	404,194	184,922
1981	66.25	203,176	381,571	177,962
1980	65.25	195,317	374,805	176,034
1979	62.70	186,614	361,079	173,388
1978	60.50	176,052	339,632	159,108
1977	60.80	162,438	314,931	135,214

SOURCE: Commonwealth of Virginia, The Supreme Court of Virginia. *State of the Judiciary Report 1987*. Richmond, Virginia, annual.

TABLE 4.18**State Trial Court Civil Caseloads for Virginia and Surrounding States: 1984 and 1985**

	1985				1984	
	Total Civil Filings	Total Civil Dispositions	Dispositions As A Percentage of Filings	Filings Per 100,000 Total Population	Total Civil Filings	Filings Per 100,000 Total Population
Virginia	863,170	854,269	99%	15,127	803,969	14,265
Delaware	58,706	58,145	99	9,438	52,638	8,587
District of Columbia	148,859	144,611	97	23,779	140,261	22,514
Florida	744,935	585,940	79	6,554	665,231	6,061
Georgia	240,912	216,043	90	4,031	132,703	2,273
Kentucky	182,608	176,705	97	4,901	182,498	4,902
Maryland	663,125	NA	NA	15,098	646,742	14,871
North Carolina	399,668	388,583	97	6,390	381,600	6,190
South Carolina ¹	118,009	222,219	NA	3,526	112,354	3,405
Tennessee	101,455	92,922	91	2,193	101,543	2,153
West Virginia	104,495	100,698	96	5,397	101,093	5,179

SOURCE: National Center for State Courts. *State Court Caseload Statistics: Annual Report 1985*. Williamsburg, Virginia, annual.

NOTES: ¹Total civil filings and filings per 100,000 population exclude data from the South Carolina Magistrate Courts, which are included in the civil dispositions column.
NA—Not available.

TABLE 4.19**State Trial Court Traffic Caseloads for Virginia and Surrounding States: 1985**

	Total Traffic Filings	Total Traffic Dispositions	Dispositions as a Percentage of Filings	Filings Per 100,000 Total Population
Virginia	1,319,234	1,300,136	99%	23,120
Delaware	146,701	146,375	100	23,585
District of Columbia	22,317	22,681	102	3,565
Florida	2,959,324	2,843,571	96	26,037
Georgia ¹	432,791	427,923	99	7,243
Kentucky	258,102	255,502	99	6,927
Maryland	754,512	754,512	100	17,179
North Carolina	830,087	768,298	93	13,271
South Carolina	NA	NA	NA	NA
Tennessee	NA	NA	NA	NA
West Virginia ²	99,349	95,406	96	5,132

SOURCE: National Center for State Courts. *State Court Caseload Statistics: Annual Report 1985*. Williamsburg, Virginia, annual.

NOTES: ¹Includes Superior, State, Probate, and Juvenile Court cases. Excludes Magistrate, County Recorder's, Municipal, and Atlanta City Court cases.

²Includes only Magistrate Court cases. Excludes Municipal Court cases.
NA—Not available.

TABLE 4.20**State Trial Court Criminal Caseloads for Virginia and Surrounding States: 1985**

	Total Criminal Filings	Total Criminal Dispositions	Dispositions as a Percentage of Filings	Filings Per 100,000 Adult Population
Virginia	424,798	400,975	94%	9,967
Delaware	72,897	71,848	99	15,677
District of Columbia	37,412	37,688	101	7,573
Florida	451,060	400,563	89	5,108
Georgia ¹	53,785	53,385	99	1,246
Kentucky	204,619	194,704	95	7,570
Maryland	172,044	169,040	98	5,221
North Carolina	452,437	441,231	98	9,696
South Carolina ²	41,436	41,668	101	1,709
Tennessee ³	40,584	37,050	91	1,149
West Virginia ⁴	140,586	131,739	94	9,900

SOURCE: National Center for State Courts. *State Court Caseload Statistics: Annual Report 1985*. Williamsburg, Virginia, annual.

NOTES: ¹Includes only Superior Court cases. Excludes State, Probate, Municipal, Civil, Magistrate, Court Recorder's, and Atlanta Municipal and City Courts.

²Includes only Circuit Court cases. Excludes Magistrate and Municipal Court cases.

³Includes Circuit, Criminal, and Chancery Court cases. Excludes Juvenile, General Sessions, and Municipal Court cases.

⁴Includes Circuit and Magistrate Court cases. Excludes Municipal Court cases.

NA—Not available.



TABLE 4.21
Summary Data for the Circuit Court System, Virginia: 1960–1986

Year	Authorized Judgeships	Cases Commenced	Cases Concluded	Cases Pending	Average Commenced Cases Per Judge
1986	122	155,691	145,830	147,820	1,276
1985	122	147,191	137,591	137,737	1,216
1984	121	146,407	137,504	128,330	1,220
1983	120	149,583	141,636	119,427	1,247
1982	116	149,017	142,427	145,677	1,285
1981	113	144,580	138,370	139,087	1,279
1980	111	138,986	129,358	132,877	1,252
1975	103	104,582	101,193	93,867	1,015
1970	99	79,400	74,842	78,809	802
1965	79	66,694	64,754	73,738	844
1960	73	54,048	53,153	55,412	740

SOURCE: Commonwealth of Virginia, The Supreme Court of Virginia. 1986 *State of the Judiciary Report*. Richmond, Virginia, annual.

TABLE 4.22
Circuit Court Caseload Statistics for Virginia's Counties and Cities: 1984

	All Cases		Civil Cases		Criminal Cases	
	Commenced	Concluded	Commenced	Concluded	Commenced	Concluded
Virginia	146,407	137,504	79,522	73,415	66,885	64,089
Counties						
Accomack	708	657	291	272	417	385
Albemarle	1,448	1,293	769	626	679	667
Alleghany	462	745	247	466	215	279
Amelia	149	151	98	66	51	85
Amherst	602	624	340	352	262	272
Appomattox	227	229	121	126	106	103
Arlington	3,730	3,225	1,938	1,907	1,792	1,318
Augusta	1,059	946	700	620	359	326
Bath	114	97	83	70	31	27
Bedford	933	943	508	453	425	490
Bland	114	124	61	57	53	67
Botetourt	821	777	333	295	488	482
Brunswick	271	254	100	98	171	156
Buchanan	805	1,159	586	883	219	276
Buckingham	305	313	87	149	218	164
Campbell	978	866	479	477	499	389
Caroline	286	224	184	133	102	91
Carroll	599	586	325	371	274	215
Charles City	109	93	61	39	48	54
Charlotte	168	170	87	64	81	106
Chesterfield	3,118	2,808	2,195	2,027	923	781
Clarke	218	199	105	90	113	109
Craig	78	71	47	40	31	31
Culpeper	562	598	241	313	321	285
Cumberland	127	99	67	53	60	46
Dickenson	551	524	312	266	239	258
Dinwiddie	309	240	206	144	103	96
Essex	142	116	82	60	60	56

CONTINUED ➡

TABLE 4.22
Circuit Court Caseload Statistics for Virginia's
Counties and Cities: 1984, *CONTINUED*

	All Cases		Civil Cases		Criminal Cases	
	Commenced	Concluded	Commenced	Concluded	Commenced	Concluded
Fairfax	14,659	14,141	9,653	9,068	5,006	5,073
Fauquier	754	734	493	471	261	263
Floyd	245	197	141	100	104	97
Fluvanna	208	220	82	102	126	118
Franklin	1,113	1,116	453	447	660	669
Frederick	603	627	373	399	230	228
Giles	377	397	178	177	199	220
Gloucester	510	594	319	398	191	196
Goochland	334	379	129	136	205	243
Grayson	404	419	246	244	158	175
Greene	167	107	118	56	49	49
Greensville	479	548	167	204	312	344
Halifax	624	425	482	288	142	137
Hanover	1,107	1,054	554	572	553	482
Henrico	4,330	3,871	1,994	1,711	2,336	2,160
Henry	1,265	1,077	723	535	542	542
Highland	42	52	30	38	12	14
Isle of Wight	474	528	148	180	326	348
James City ¹	773	754	414	451	359	303
King and Queen	121	89	81	59	40	30
King George	205	180	127	114	78	66
King William	154	132	105	83	49	49
Lancaster	293	236	151	132	142	104
Lee	687	633	355	332	332	301
Loudoun	1,418	1,511	932	937	486	574
Louisa	540	460	311	246	229	214
Lunenburg	204	199	103	100	101	99
Madison	199	209	96	84	103	125
Mathews	141	116	71	75	70	41
Mecklenburg	487	417	255	243	232	174
Middlesex	213	153	102	89	111	64
Montgomery	1,073	889	654	517	419	372
Nelson	211	190	126	127	85	63
New Kent	216	189	106	92	110	97
Northampton	264	283	122	134	142	149
Northumberland	160	141	81	87	79	54
Nottoway	275	247	137	116	138	131
Orange	538	466	330	292	208	174
Page	518	577	224	305	294	272
Patrick	338	311	148	136	190	175
Pittsylvania	1,730	1,530	633	556	1,097	974
Powhatan	241	193	119	82	122	111
Prince Edward	311	301	131	118	180	183
Prince George	377	372	279	278	98	94
Prince William	4,343	3,923	2,694	2,448	1,649	1,475
Pulacki	922	958	463	445	459	513
Rappahannock	131	110	68	59	63	51
Richmond	151	126	58	56	93	70
Roanoke	1,621	1,595	933	885	688	710
Rockbridge	543	590	261	327	282	263
Rockingham	832	807	504	527	328	280
Russell	708	851	399	504	309	347
Scott	441	463	235	297	206	166
Shenandoah	552	591	340	363	212	228
Smyth	652	683	378	432	274	251
Southampton	563	566	233	207	330	359
Spotsylvania	746	757	498	498	248	259

CONTINUED ➡



TABLE 4.22
Circuit Court Caseload Statistics for Virginia's
Counties and Cities: 1984, *CONTINUED*

	All Cases		Civil Cases		Criminal Cases	
	Commenced	Concluded	Commenced	Concluded	Commenced	Concluded
Stafford	1,005	764	597	478	408	286
Surry	93	95	72	59	21	36
Sussex	226	232	108	108	118	124
Tazewell	1,182	1,661	700	1,244	482	417
Warren	888	803	294	294	594	509
Washington	771	908	626	778	145	130
Westmoreland	291	234	140	117	151	117
Wise	1,679	1,565	974	792	705	773
Wythe	699	463	232	237	467	226
York	955	819	587	490	368	329
Cities						
Alexandria	3,891	3,618	1,889	1,590	2,002	2,028
Bedford	NE	NE	NE	NE	NE	NE
Bristol	573	572	288	249	285	323
Buena Vista	190	163	85	83	105	80
Charlottesville	874	846	525	573	349	273
Chesapeake	3,022	3,015	1,815	1,763	1,207	1,252
Clifton Forge	102	150	56	86	46	64
Colonial Heights	300	331	197	239	103	92
Covington	NE	NE	NE	NE	NE	NE
Danville	1,589	1,724	625	716	964	1,008
Emporia	NE	NE	NE	NE	NE	NE
Fairfax	NE	NE	NE	NE	NE	NE
Falls Church	NE	NE	NE	NE	NE	NE
Franklin	NE	NE	NE	NE	NE	NE
Fredericksburg	413	343	291	229	122	114
Galax	NE	NE	NE	NE	NE	NE
Hampton	2,953	2,846	1,897	1,738	1,056	1,108
Harrisonburg	NE	NE	NE	NE	NE	NE
Hopewell	579	542	336	316	243	226
Lexington	NE	NE	NE	NE	NE	NE
Lynchburg	2,276	2,180	1,020	1,069	1,256	1,111
Manassas	NE	NE	NE	NE	NE	NE
Manassas Park	NE	NE	NE	NE	NE	NE
Martinsville	1,000	1,020	246	226	754	794
Newport News	4,247	4,211	2,392	2,400	1,855	1,811
Norfolk	14,745	11,388	7,041	4,238	7,704	7,150
Norton	NE	NE	NE	NE	NE	NE
Petersburg	1,339	1,136	600	471	739	665
Poquoson	NE	NE	NE	NE	NE	NE
Portsmouth	3,879	3,363	1,581	1,460	2,298	1,903
Radford	258	195	173	110	85	85
Richmond ²	9,421	9,240	5,211	4,621	4,210	4,619
Roanoke	3,993	3,664	1,837	1,633	2,156	2,031
Salem	680	613	320	338	360	275
South Boston	NE	NE	NE	NE	NE	NE
Staunton	521	492	249	224	272	268
Suffolk	1,541	1,433	674	571	867	862
Virginia Beach	8,723	8,580	5,143	4,934	3,580	3,646
Waynesboro	360	321	216	179	144	142
Williamsburg ¹	NE	NE	NE	NE	NE	NE
Winchester	569	559	292	284	277	275

CONTINUED →

TABLE 4.22
Circuit Court Caseload Statistics for Virginia's
Counties and Cities: 1984, *CONTINUED*

	All Cases		Civil Cases		Criminal Cases	
	Commenced	Concluded	Commenced	Concluded	Commenced	Concluded
MSAs						
Bristol (Va. portion)	1,785	1,943	1,149	1,324	636	619
Charlottesville	2,697	2,466	1,494	1,359	1,203	1,107
Danville	3,319	3,254	1,258	1,272	2,061	1,982
Lynchburg	3,856	3,670	1,839	1,898	2,017	1,772
Norfolk	41,348	37,003	21,863	18,443	19,485	18,560
Northern Virginia	29,046	27,182	17,703	16,428	11,343	10,754
Richmond	21,780	20,448	11,987	10,728	9,793	9,720
Roanoke	7,115	6,649	3,423	3,151	3,692	3,498
Planning Districts						
LENOWISCO	2,807	2,661	1,564	1,421	1,243	1,240
Cumberland Plateau	3,246	4,195	1,997	2,897	1,249	1,298
Mount Rogers	3,812	3,755	2,156	2,368	1,656	1,387
New River Valley	2,875	2,636	1,609	1,349	1,266	1,287
Fifth	7,757	7,615	3,773	3,743	3,984	3,872
Central Shenandoah	3,661	3,468	2,128	2,068	1,533	1,400
Lord Fairfax	3,348	3,356	1,628	1,735	1,720	1,621
Northern Virginia	28,041	26,418	17,106	15,950	10,935	10,468
Rappahannock-Rapidan	2,184	2,117	1,228	1,219	956	898
Thomas Jefferson	3,448	3,116	1,931	1,732	1,517	1,384
Central Virginia	5,016	4,842	2,468	2,477	2,548	2,365
West Piedmont	7,035	6,778	2,828	2,616	4,207	4,162
Southside	1,382	1,096	837	629	545	467
Piedmont	1,539	1,480	710	666	829	814
Richmond Regional	18,876	17,827	10,369	9,280	8,507	8,547
RADCO	2,655	2,268	1,697	1,452	958	816
Northern Neck	895	737	430	392	465	345
Middle Peninsula	1,281	1,200	760	764	521	436
Crater	3,702	3,496	1,965	1,819	1,737	1,677
Southeastern Virginia	32,947	28,873	16,635	13,353	16,312	15,520
Peninsula	8,928	8,630	5,290	5,079	3,638	3,551
Accomack-Norhampton	972	940	413	406	559	534

SOURCE: Commonwealth of Virginia, The Supreme Court of Virginia. *1984 State of the Judiciary Report*, Richmond, Virginia, annual.

NOTES: ¹Data for Williamsburg City included in James City County.

²Data for Richmond City includes Richmond-Manchester.

NE—No entry listed for locality.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.



Section 5: Education

This section presents data on several aspects of formal education in Virginia, including enrollment and attendance, school finances and salaries of staff, and various measures of educational achievement. In addition, it presents summary statistics for the state's public libraries.

At the national level, two major agencies supply data about education: the National Center for Educational Statistics (U.S. Department of Education) publishes an annual *Digest of Education Statistics*; and the National Education Association provides annual data in *Estimates of School Statistics*. Data from these and several other agencies are compiled by the Bureau of the Census in its *State and Metropolitan Area Data Book*, which is the immediate source for most of the information on Southeastern states presented here.

In its decennial censuses, the Bureau of the Census also gathers data on the level of educational attainment in the population (Years of School Completed, Tables 5.19, 5.20, and 5.21). These data are based on a sample of the population.

For school statistics by locality in Virginia, the primary source is *Facing Up: Statistical Data on Virginia's Public Schools*, published each year since 1967 by the Department of Education. In addition to the data presented in this section, *Facing Up* offers information on other topics such as the continuing education of graduates and state basic aid to localities for school operations. Readers seeking further statistical detail on public school finances in the state should consult the Superintendent of Public Instruction's *Annual Report*, also published by the Department of Education.

The State Council of Higher Education for Virginia compiles data on enrollment, tuition, and appropriations in its annual *Fact Book* and *Higher Education in Virginia*; all the information in this section on particular public and private institutions come from these works.

Virginia is served by 25 regional libraries (which cover 48 counties and 19 independent cities), 37 county libraries, and 9 town libraries. The Virginia State Library compiles statistics on all of these in an annual report, *Statistics of Virginia Public Libraries and Institutional Libraries*. Besides the summary statistics reproduced here, this report furnishes data on non-book materials, computer services, and the number of registered borrowers. For national data, the R.R. Bowker Company (New York) publishes *The American Library Directory*.

CONCEPTS

AVERAGE DAILY ATTENDANCE

Average daily attendance in the public schools is derived by dividing the total number of pupil-days for the entire year by the number of days school was actually in

session.

ELEMENTARY AND SECONDARY SCHOOLS

Definitions of elementary and secondary schools vary. Tables 5.1 and 5.2 use the National Education Association's definitions, whereby elementary schools include kindergarten through grade 6 and secondary schools include grades 7 through 12. However, in the data from *Facing Up*, elementary school includes kindergarten through grade 7 and secondary school begins at grade 8.

SCHOOL DISTRICTS

Generally, school district boundaries in Virginia are coterminous with the boundaries of individual counties and independent cities. However, the towns of Cape Charles, Colonial Beach, Fries, and West Point have independent systems and are thus listed separately. Also, some localities have consolidated their school systems. Such consolidated systems are those of Alleghany County and Clifton Forge City, and Greensville County and Emporia City. Other jurisdictions contract educational services to a neighboring locality. These arrangements produce combined systems for Bedford County and City, Fairfax County and City, and James City County and Williamsburg City. Halifax County and South Boston City maintain separate elementary divisions, but jointly maintain a single high school.

MEMBERSHIP

Reports issued by the Virginia Department of Education use membership synonymously with enrollment.

SRA ACHIEVEMENT SCORES

In public schools throughout Virginia, students in grades 4, 8, and 11 take the standardized Science Research Associates (SRA) Achievement Series, a test battery designed to measure a student's status in the major skill and content areas. Since this series is also administered in a number of other states, scores are presented as percentile rankings based on comparison with the performance of a national sample of students.



Figure 5.1
Pupils Per Teacher Based on Enrollment: 1986/87

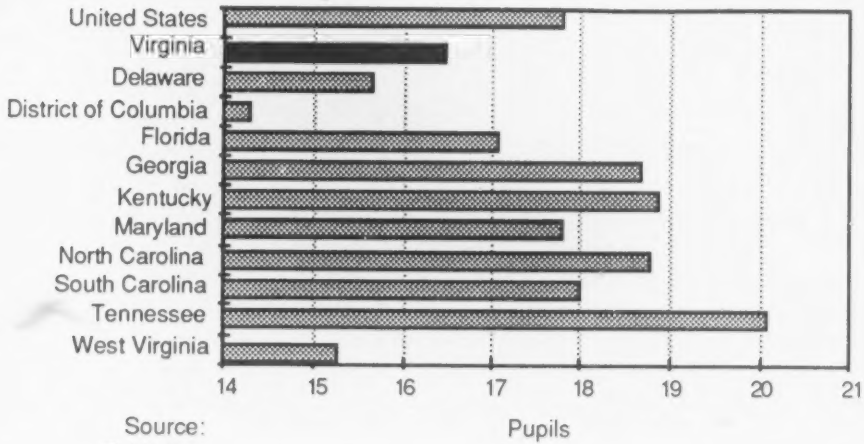
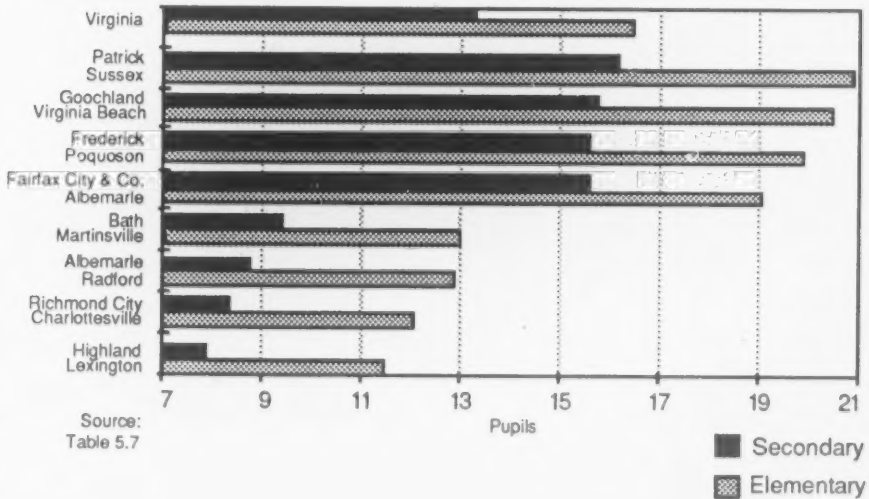


Figure 5.2
Highest and Lowest Pupil-Teacher Ratios: 1986/87



Map 5.1
Virginia Community Colleges

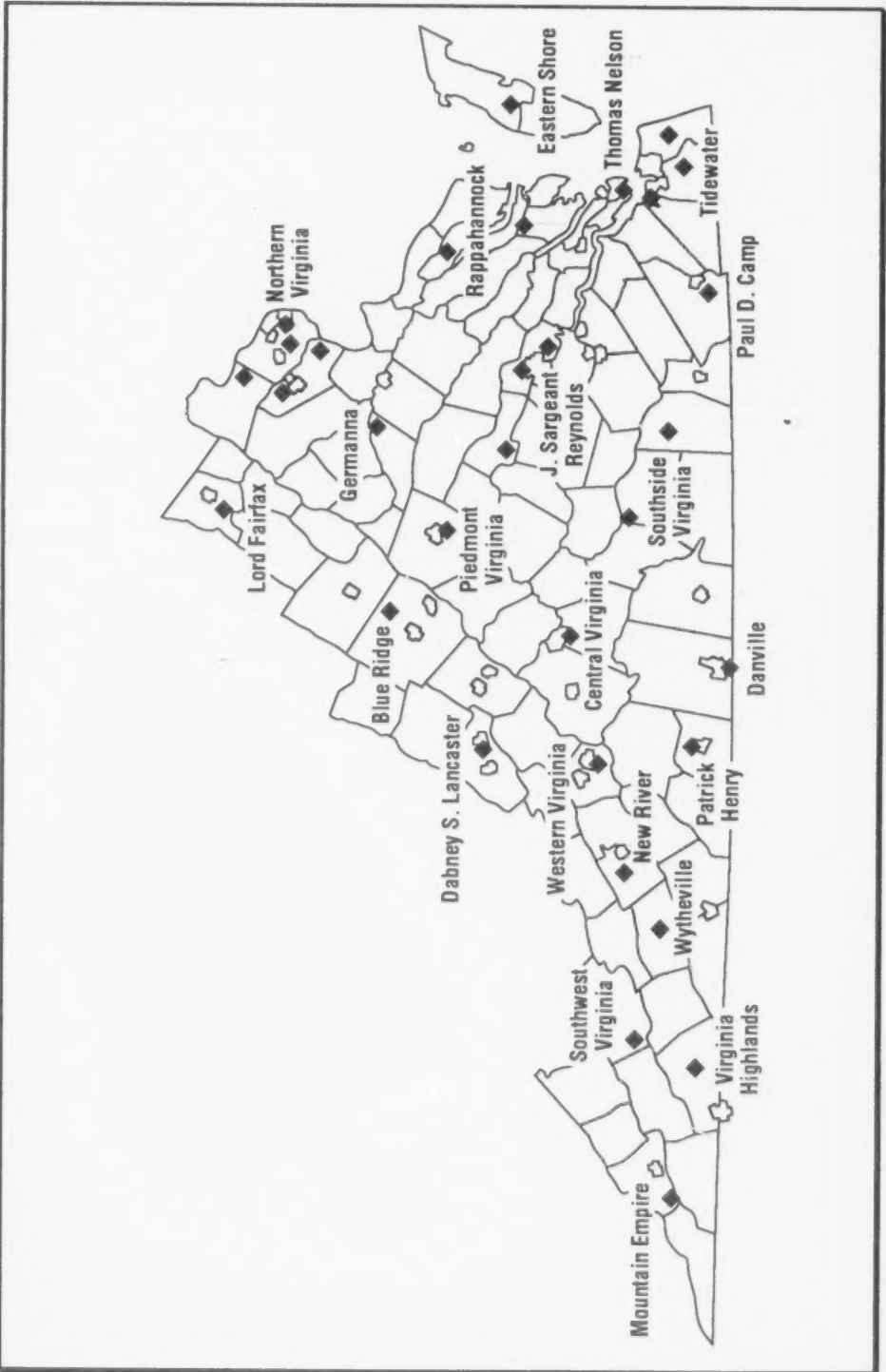




TABLE 5.1
Enrollment in Public Elementary Schools for the U.S.,
Virginia, and Surrounding States: 1969–70 to 1986–87

	Elementary Enrollment				
	1986–87	1985–86	1982–83	1979–1980	1969–1970
United States	24,360	23,960	23,923	24,397	28,064
Virginia	599	589	600	630	695
Delaware	51	49	46	50	74
District of Columbia	50	50	51	57	93
Florida	864	823	784	818	776
Georgia	659	657	653	657	718
Kentucky	429	429	434	436	449
Maryland	361	347	344	387	513
North Carolina	751	753	775	802	840
South Carolina	427	424	424	429	389
Tennessee	579	575	592	520	566
West Virginia	206	210	225	233	222

SOURCES: National Education Association, *Estimates of School Statistics 1986–87*, Washington, D.C., annual; U.S. Department of Commerce, Bureau of the Census, *State and Metropolitan Area Data Book 1986*, U.S. Government Printing Office, Washington, D.C., 1986.

NOTE: In thousands. Includes kindergarten through grade 6.

TABLE 5.2
Enrollment in Public Secondary Schools for the U.S.,
Virginia, and Surrounding States: 1969–70 to 1986–87

	Secondary Enrollment				
	1986–87	1985–86	1982–1983	1979–1980	1969–1970
United States	15,440	15,570	15,768	17,381	17,432
Virginia	375	379	375	401	382
Delaware	43	44	47	54	57
District of Columbia	36	37	40	48	56
Florida	743	736	701	730	632
Georgia	408	408	401	422	394
Kentucky	214	215	216	241	255
Maryland	315	325	355	391	377
North Carolina	340	340	333	359	351
South Carolina	183	182	184	196	259
Tennessee	244	241	238	342	326
West Virginia	145	148	150	156	179

SOURCES: National Education Association, *Estimates of School Statistics 1986–87*, Washington, D.C., annual; U.S. Department of Commerce, Bureau of the Census, *State and Metropolitan Area Data Book 1986*, U.S. Government Printing Office, Washington, D.C., 1986.

NOTE: --- In thousands. Includes grade 7 through grade 12.

TABLE 5.3
Enrollment in Private Elementary and Secondary Schools for the
U.S., Virginia, and Surrounding States: 1976-77 and 1980-81

	Nonpublic Enrollment					
	Elementary		Secondary		Other	
	1980-1981	1976-1977	1980-1981	1976-1977	1980-1981	1976-1977
United States	2,902.4	3,072.0	1,006.7	1,086.6	1,052.6	991.1
Virginia	33.4	32.3	9.5	10.7	32.2	31.7
Delaware	11.2	10.6	5.3	5.1	6.9	6.3
District of Columbia	10.3	11.3	5.5	5.6	5.4	5.6
Florida	90.1	88.9	27.5	26.7	87.5	85.7
Georgia	20.8	20.5	6.0	5.7	55.8	55.8
Kentucky	42.1	44.2	14.7	14.1	12.9	12.7
Maryland	57.9	66.8	22.8	23.8	25.8	26.6
North Carolina	14.0	15.3	3.0	3.2	41.1	41.8
South Carolina	12.2	14.2	2.9	3.0	34.4	35.7
Tennessee	22.7	23.0	12.6	17.4	36.3	33.3
West Virginia	6.5	7.1	2.3	2.8	3.8	4.0

SOURCE: U.S. Department of Commerce, Bureau of the Census. *State and Metropolitan Area Data Book 1986*. U.S. Government Printing Office, Washington, D.C., 1986.

NOTES: In thousands.

"Elementary" includes elementary and middle schools.

"Secondary" includes secondary and vocational/technical schools.

"Other" includes special education, alternative education, combined elementary/secondary, and other schools.

TABLE 5.4
September 30 Student Membership for Virginia's
Counties and Cities: 1980-81 to 1986-87

	1986- 87	1985- 86	1984- 85	1983- 84	1982- 83	1981- 82	1980- 81
Virginia	973,297	966,376	963,496	964,558	974,242	989,548	1,010,394
Counties							
Accomack	5,221	5,082	5,071	5,137	5,224	5,357	5,501
Albemarle	8,994	8,897	8,869	8,897	9,116	9,199	9,391
Alleghany ¹	3,395	3,545	3,541	3,650	3,755	3,861	4,041
Amelia	1,550	1,540	1,498	1,488	1,497	1,527	1,604
Amherst	4,692	4,755	4,911	4,965	5,073	5,196	5,393
Appomattox	2,378	2,323	2,392	2,476	2,534	2,585	2,698
Arlington	14,706	14,481	14,643	14,515	14,610	14,757	15,152
Augusta	9,531	9,780	9,726	9,917	10,083	10,400	10,781
Bath	915	949	992	1,040	1,067	1,036	1,090
Bedford ²	7,521	7,548	7,638	7,590	7,676	7,893	8,011
Bland	1,114	1,164	1,176	1,211	1,265	1,261	1,267
Botetourt	4,307	4,369	4,386	4,381	4,452	4,528	4,741
Brunswick	2,729	2,770	2,802	2,866	2,989	3,023	3,122
Buchanan	7,695	8,014	8,207	8,475	8,521	8,656	8,848
Buckingham	2,130	2,170	2,217	2,259	2,266	2,418	2,551
Campbell	8,811	8,959	8,848	8,924	9,023	9,342	9,521
Caroline	3,466	3,610	3,651	3,744	3,819	3,885	3,859
Carroll	4,425	4,542	4,650	4,773	4,941	4,929	5,093
Charles City	1,175	1,214	1,199	1,275	1,333	1,402	1,454

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**TABLE 5.4**
**September 30 Student Membership for Virginia's Counties
and Cities: 1980-81 to 1986-87, *CONTINUED***

	1986- 87	1985- 86	1984- 85	1983- 84	1982- 83	1981- 82	1980- 81
Charlotte	2,317	2,361	2,415	2,521	2,568	2,592	2,663
Chesterfield	38,776	36,866	35,727	34,360	33,935	33,875	33,351
Clarke	1,615	1,636	1,601	1,631	1,681	1,771	1,797
Craig	730	757	720	748	757	754	758
Culpeper	4,409	4,368	4,430	4,428	4,459	4,503	4,600
Cumberland	1,316	1,408	1,470	1,558	1,569	1,597	1,667
Dickenson	4,122	4,212	4,280	4,289	4,295	4,380	4,438
Dinwiddie	3,698	3,785	3,910	4,053	4,256	4,456	4,636
Essex	1,521	1,477	1,501	1,505	1,572	1,656	1,699
Fairfax ³	127,189	125,145	123,163	122,376	122,952	124,631	127,189
Fauquier	7,728	7,379	7,117	7,062	7,165	7,264	7,408
Floyd	1,958	1,958	1,976	1,999	2,035	2,050	2,127
Fluvanna	2,065	2,052	2,018	2,049	2,104	2,112	2,181
Franklin	6,202	6,241	6,325	6,408	6,612	6,586	6,945
Frederick	7,088	7,046	6,969	6,968	6,858	7,110	7,402
Giles	3,033	3,186	3,287	3,365	3,512	3,646	3,766
Gloucester	5,059	4,698	4,462	4,150	4,076	3,981	3,858
Goochland	1,785	1,775	1,804	1,835	1,887	1,953	2,017
Grayson ⁴	2,466	2,530	2,533	2,587	2,634	2,736	2,809
Greene	1,678	1,657	1,634	1,618	1,649	1,628	1,610
Greensville ⁵	2,957	3,100	3,213	3,249	3,308	3,354	3,438
Hallfax ¹¹	6,336	6,441	6,572	6,595	6,792	6,883	6,951
Hanover	10,086	9,871	9,870	9,943	10,053	10,291	10,505
Henrico	30,946	30,713	30,596	30,590	31,025	31,536	32,389
Henry	9,660	10,075	10,307	10,461	10,811	11,148	11,634
Highland	387	402	455	439	426	410	446
Isle of Wight	3,933	3,840	3,840	3,730	3,847	3,954	4,172
James City ⁶	NA	NA	NA	NA	NA	NA	NA
King and Queen	913	978	987	999	999	1,009	997
King George	2,345	2,353	2,290	2,281	2,280	2,338	2,345
King William ⁷	2,072	2,070	2,094	2,093	2,160	2,135	2,172
Lancaster	1,646	1,616	1,617	1,616	1,586	1,598	1,680
Lee	5,245	5,388	5,458	5,488	5,565	5,636	5,661
Loudoun	13,236	12,898	12,619	12,711	12,864	13,106	13,447
Louisa	3,505	3,471	3,432	3,454	3,505	3,577	3,589
Lunenburg	2,155	2,219	2,275	2,317	2,380	2,410	2,471
Madison	1,759	1,766	1,794	1,860	1,851	1,905	2,019
Mathews	1,245	1,240	1,205	1,261	1,247	1,277	1,311
Mecklenburg	5,221	5,221	5,316	5,417	5,560	5,634	5,861
Middlesex	1,166	1,170	1,178	1,165	1,166	1,221	1,266
Montgomery	6,582	6,525	6,553	6,614	6,727	6,957	7,166
Nelson	2,111	2,121	2,165	2,261	2,300	2,391	2,455
New Kent	1,758	1,731	1,757	1,746	1,710	1,737	1,710
Northampton ⁸	2,655	2,665	2,624	2,655	2,694	2,701	2,734
Northumberland	1,354	1,384	1,429	1,399	1,421	1,437	1,513
Nottoway	2,498	2,581	2,604	2,600	2,677	2,722	2,790
Orange	3,641	3,586	3,506	3,551	3,582	3,578	3,715
Page	3,389	3,468	3,426	3,533	3,547	3,646	3,765
Patrick	2,958	2,981	3,049	3,135	3,213	3,290	3,463
Pittsylvania	11,585	11,719	11,992	12,312	12,606	12,908	13,474
Powhatan	2,088	2,132	2,208	2,326	2,367	2,358	2,432
Prince Edward	2,376	2,372	2,390	2,295	2,304	2,239	2,211
Prince George	4,888	5,086	5,036	5,073	5,013	5,162	5,364
Prince William	37,600	36,587	35,786	35,288	34,881	35,584	35,608
Pulaski	6,438	6,745	6,986	7,127	7,355	7,527	7,589
Rappahannock	922	971	999	1,032	1,044	1,071	1,135
Richmond	1,294	1,279	1,247	1,254	1,273	1,304	1,343

CONTINUED ➡

TABLE 5.4

September 30 Student Membership for Virginia's Counties and Cities: 1980-81 to 1986-87, *CONTINUED*

	1986- 87	1985- 86	1984- 85	1983- 84	1982- 83	1981- 82	1980- 81
Roanoke ⁹	13,639	13,725	13,764	14,036	18,195	18,823	19,394
Rockbridge ¹²	3,009	3,014	3,086	3,239	3,438	3,258	3,354
Rockingham	9,201	9,114	9,115	9,216	9,696	9,850	10,110
Russell	6,038	6,158	6,261	6,394	6,500	6,514	6,606
Scott	4,567	4,685	4,860	4,923	4,978	4,988	5,087
Shenandoah	4,747	4,746	4,749	4,790	4,909	5,082	5,176
Smyth	6,097	6,224	6,273	6,347	6,430	6,588	6,744
Southampton	2,506	2,530	2,510	2,629	2,770	3,026	3,183
Spotsylvania	9,588	9,054	8,740	8,725	8,586	8,495	8,529
Stafford	10,616	10,313	10,149	9,947	9,724	9,855	9,742
Surry	1,205	1,154	1,133	1,151	1,166	1,238	1,288
Sussex	1,759	1,828	1,893	2,008	2,066	2,201	2,327
Tazewell	9,858	10,040	10,266	10,451	10,574	10,656	10,750
Warren	3,902	3,804	3,857	3,893	3,833	3,885	3,993
Washington	8,149	8,264	8,471	8,707	8,913	9,159	9,371
Westmoreland ¹⁰	2,424	2,504	2,507	2,576	2,660	2,737	2,859
Wise	9,431	9,678	9,776	9,759	9,801	9,768	9,885
Wythe	4,675	4,759	4,859	4,984	5,108	5,204	5,294
York	8,742	8,680	8,678	8,634	8,702	8,773	8,843
Cities							
Alexandria	9,967	10,344	10,549	10,326	10,543	10,734	10,831
Bedford ²	NA	NA	NA	NA	NA	NA	NA
Bristol	3,022	3,055	3,022	3,062	3,252	3,314	3,464
Buena Vista	1,294	1,315	1,350	1,355	1,355	1,365	1,458
Charlottesville	4,522	4,655	4,662	4,702	4,814	4,877	5,073
Chesapeake	26,360	25,361	24,977	24,619	24,458	24,748	25,005
Clifton Forge ¹	NA	NA	NA	NA	NA	NA	NA
Colonial Heights	2,807	2,793	2,897	3,016	3,139	3,329	3,427
Covington	1,170	1,288	1,323	1,376	1,446	1,549	1,658
Danville	7,215	7,311	7,370	7,476	7,491	7,461	7,691
Emporia ⁵	NA	NA	NA	NA	NA	NA	NA
Fairfax ³	NA	NA	NA	NA	NA	NA	NA
Falls Church	1,132	1,101	1,060	1,039	1,013	1,048	1,097
Franklin	1,889	1,936	1,939	1,907	1,908	1,752	1,806
Fredericksburg	2,245	2,230	2,266	2,132	2,136	2,140	2,204
Galax	1,208	1,271	1,286	1,359	1,311	1,339	1,406
Hampton	20,422	20,046	20,108	20,498	21,611	22,951	23,883
Harrisonburg	2,901	2,783	2,834	2,749	2,347	2,337	2,363
Hopewell	4,067	4,068	4,203	4,264	4,356	4,426	4,852
Lexington ¹²	494	501	499	497	439	810	814
Lynchburg	9,593	9,730	9,804	9,885	9,914	10,059	10,220
Manassas	3,941	3,730	3,696	3,511	3,476	3,506	3,369
Manassas Park	1,418	1,458	1,494	1,489	1,562	1,571	1,642
Martinsville	3,053	3,063	3,232	3,278	3,411	3,390	3,518
Newport News	26,574	25,853	25,215	25,334	25,664	25,763	26,123
Norfolk	35,761	35,577	35,527	35,649	35,866	36,131	37,490
Norton	998	990	1,020	1,029	1,028	1,036	1,028
Petersburg	6,328	6,435	6,615	6,817	7,192	7,470	7,718
Poquoson	2,376	2,278	2,236	2,211	2,236	2,288	2,275
Portsmouth	18,851	18,640	18,753	18,746	18,863	18,988	18,976
Radford	1,629	1,651	1,681	1,701	1,760	1,770	1,801
Richmond	27,782	28,243	28,695	29,097	29,712	30,533	31,531
Roanoke	14,079	14,615	14,804	15,151	15,437	15,652	16,043
Salem ⁹	3,449	3,587	3,681	3,660	NA	NA	NA
South Boston ¹¹	828	840	864	808	818	840	844
Staunton	2,941	2,969	3,034	3,070	3,218	3,313	3,447
Suffolk	8,757	8,719	8,590	8,628	8,739	8,836	9,064

CONTINUED ➡



TABLE 5.4
September 30 Student Membership for Virginia's Counties
and Cities: 1980-81 to 1986-87, CONTINUED

	1986- 87	1985- 86	1984- 85	1983- 84	1982- 83	1981- 82	1980- 81
Virginia Beach	62,404	59,936	58,039	56,130	55,131	54,870	55,122
Waynesboro	2,711	2,457	2,478	2,511	2,617	2,796	2,952
Williamsburg ⁶	5,395	5,191	5,042	5,002	4,891	4,776	4,780
Winchester	3,119	3,068	3,070	3,102	3,080	3,101	3,234
MSAs							
Bristol (Va. portion)	15,738	16,004	16,353	16,692	17,143	17,461	17,922
Charlottesville	17,259	17,261	17,183	17,266	17,683	17,816	18,255
Danville	18,800	19,030	19,362	19,788	20,097	20,369	21,165
Lynchburg	23,096	23,444	23,563	23,774	24,010	24,597	25,134
Norfolk	220,701	214,979	211,627	209,601	210,237	212,105	215,419
Northern Virginia	219,785	216,057	213,159	211,202	211,625	214,792	218,077
Richmond	136,184	134,712	134,517	134,395	135,980	138,528	141,186
Roanoke	35,474	36,296	36,635	37,228	38,084	39,003	40,178
Planning Districts							
LENOWISCO	20,241	20,741	21,114	21,199	21,372	21,428	21,661
Cumberland Plateau	27,713	28,424	29,014	29,609	29,890	30,206	30,642
Mount Rogers	31,156	31,809	32,270	33,030	33,852	34,530	35,448
New River Valley	21,640	22,065	22,483	22,806	23,389	23,950	24,449
Fifth	40,769	41,886	42,219	43,002	44,042	45,167	46,635
Central Shenandoah	33,384	33,284	33,569	34,033	34,686	35,584	36,815
Lord Fairfax	23,860	23,768	23,672	23,917	23,908	24,595	25,367
Northern Virginia	209,169	205,744	203,010	201,255	201,901	204,937	208,335
Rappahannock-Rapidan	18,459	18,070	17,846	17,933	18,101	18,321	18,877
Thomas Jefferson	22,875	22,853	22,780	22,981	23,488	23,784	24,299
Central Virginia	32,995	33,315	33,593	33,840	34,220	35,075	35,843
West Piedmont	40,673	41,390	42,275	43,070	44,144	44,783	46,725
Southside	15,114	15,272	15,554	15,686	16,159	16,380	16,778
Piedmont	14,342	14,651	14,869	15,038	15,261	15,505	15,957
Richmond Regional	114,396	112,545	111,856	111,172	112,022	113,685	115,389
RADCO	28,260	27,560	27,096	26,829	26,545	26,713	26,679
Northern Neck	6,718	6,783	6,800	6,845	6,940	7,076	7,395
Middle Peninsula	11,976	11,633	11,427	11,173	11,220	11,279	11,293
Crater	27,709	28,249	28,900	29,631	30,498	31,636	32,850
Southeastern Virginia	160,463	156,539	154,175	152,038	151,582	152,305	154,818
Peninsula	63,509	62,048	61,279	61,679	63,104	64,551	65,904
Accomack-Northampton	7,876	7,747	7,695	7,792	7,918	8,058	8,235

SOURCE: Commonwealth of Virginia, Department of Education. *Facing Up-22*. Richmond, Virginia, annual.

NOTES: Includes K-12, special education, and post graduate but excludes pre-kindergarten.

¹Clifton Forge City included with Alleghany County.

²Bedford City included with Bedford County.

³Fairfax City included with Fairfax County.

⁴Data for Grayson County include Fries town.

⁵Emporia City included with Greensville County.

⁶James City County included with Williamsburg City.

⁷Data for King William County include West Point town.

⁸Data for Northampton County include Cape Charles town.

⁹Data for Salem City included with Roanoke County for years 1980-81 to 1982-83.

¹⁰Data for Westmoreland County include Colonial Beach town.

¹¹Halifax County data include South Boston City secondary pupils.

¹²Rockbridge County data include Lexington City secondary pupils.

NA—Not available.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 5.5

Average Annual Salary of Instructional Staff in Public Elementary and Secondary Schools for Virginia and Surrounding States: 1939-40 to 1986-87

	Average Annual Salary					
	1986-87	1979-80	1969-70	1959-60	1949-50	1939-40
Virginia	\$25,473	\$14,655	\$8,200	\$4,312	\$2,328	\$899
Delaware	27,467	16,873	9,300	5,800	3,273	1,684
District of Columbia	33,797	23,027	11,075	6,280	3,920	2,350
Florida	23,785	14,875	8,600	5,080	2,958	1,012
Georgia	24,200	14,547	7,372	3,904	1,963	770
Kentucky	22,612	15,350	7,624	3,327	1,936	826
Maryland	28,700	18,308	9,885	5,557	3,594	1,642
North Carolina	23,775	14,445	7,744	4,178	2,688	946
South Carolina	23,039	13,670	7,000	3,450	1,891	743
Tennessee	22,720	14,193	7,290	3,929	2,302	862
West Virginia	21,446	14,395	7,850	3,952	2,425	1,170

SOURCES: U.S. Department of Education, National Center for Education Statistics. *Statistics of State School Systems*. U.S. Government Printing Office, Washington, D.C., annual; National Education Association. *Estimates of School Statistics, 1986-87*. Washington, D.C., annual.

NOTES: Includes supervisor, principals, classroom teachers, and other instructional staff.
Data are in current dollars.

TABLE 5.6

Enrollment, Average Daily Attendance, and Classroom Teachers in Public Elementary and Secondary Schools for the U.S., Virginia, and Surrounding States: 1986-87

	Enrollment	Average Daily Attendance	Classroom Teachers	Pupils Per Teacher Based on Enrollment	Pupils Per Teacher Based on Attendance
United States	39,801	36,838	2,233	17.8	16.5
Virginia	975	910	59	16.5	15.4
Delaware	94	87	6	15.7	14.5
District of Columbia	86	76	6	14.3	12.7
Florida	1,607	1,488	94	17.1	15.8
Georgia	1,067	995	57	18.7	17.5
Kentucky	643	576	34	18.9	16.9
Maryland	76	618	38	17.8	16.3
North Carolina	1,092	1,014	58	18.8	17.5
South Carolina	611	572	34	18.0	16.8
Tennessee	823	770	41	20.1	18.8
West Virginia	352	328	23	15.3	14.3

SOURCE: National Education Association. *Estimates of School Statistics 1986-87*. Washington, D.C., annual.

NOTE: In thousands, except for pupils per teacher.



TABLE 5.7
Pupil-Teacher Ratios in Virginia's Counties and Cities: 1986-87

	Elementary			Secondary		
	FTE Teaching Positions	End of Year Membership, K-7	Pupil Teacher Ratio	FTE Teaching Positions	End of Year Membership, 8-12	Pupil Teacher Ratio
Virginia	35,827.5	590,954	16.5	27,491.2	366,331	13.3
Counties						
Accomack	179.0	3,308	18.5	169.4	1,811	10.7
Albemarle	290.5	5,551	19.1	373.0	3,296	8.8
Alleghany ¹	138.8	1,975	14.2	93.3	1,371	14.7
Amelia	64.0	941	14.7	35.5	576	16.2
Amherst	166.4	2,809	16.9	140.1	1,775	12.7
Appomattox	84.0	1,334	15.9	68.0	984	14.5
Arlington	596.6	8,627	14.5	420.2	5,673	13.5
Augusta	312.4	5,691	18.2	323.8	3,759	11.6
Bath	49.7	536	10.8	39.4	371	9.4
Bedford ²	287.0	4,706	16.4	203.0	2,926	14.4
Bland	40.0	646	16.2	34.5	459	13.3
Botetourt	153.0	2,502	16.4	124.0	1,782	14.4
Brunswick	97.0	1,642	16.9	92.0	1,036	11.3
Buchanan	301.3	4,582	15.2	228.0	2,911	12.8
Buckingham	73.3	1,294	17.7	72.2	768	10.6
Campbell	272.0	5,041	18.5	261.0	3,403	13.0
Caroline	134.0	2,064	15.4	99.0	1,270	12.8
Carroll	149.8	2,618	17.5	144.0	1,757	12.2
Charles City	52.5	695	13.2	37.0	432	11.7
Charlotte	91.0	1,363	15.0	65.2	919	14.1
Chesterfield	1,339.0	23,882	17.8	1,102.5	14,599	13.2
Clarke	58.0	972	16.8	49.5	643	13.0
Craig	23.0	413	18.0	22.0	307	14.0
Culpeper	178.3	2,783	15.6	114.5	1,608	14.0
Cumberland	50.4	774	15.4	47.2	542	11.5
Dickenson	154.5	2,533	16.4	111.0	1,521	13.7
Dinwiddie	150.0	2,124	14.2	127.0	1,557	12.3
Essex	62.0	908	14.6	52.0	589	11.3
Fairfax ³	4,418.2	72,410	16.4	3,454.1	54,601	15.8
Fauquier	280.0	4,673	16.7	235.0	3,019	12.8
Floyd	75.7	1,131	14.9	56.5	793	14.0
Fluvanna	83.6	1,300	15.6	60.4	738	12.2
Franklin	206.9	3,824	18.5	179.2	2,370	13.2
Frederick	271.1	4,396	16.2	168.5	2,636	15.6
Giles	98.5	1,689	17.1	96.5	1,326	13.7
Gloucester	185.0	3,230	17.5	116.0	1,805	15.6
Goochland	78.0	1,052	13.5	54.7	692	12.7
Grayson ⁴	90.1	1,499	16.6	65.5	957	14.6
Greene	62.5	1,076	17.2	54.5	570	10.5
Greensville ⁵	111.0	1,794	16.2	88.0	1,077	12.2
Halifax	228.1	3,346	14.7	158.4	2,309	14.6
Hanover	346.0	5,980	17.3	314.5	4,063	12.9
Henrico	1,136.5	18,269	16.1	884.5	12,305	13.9
Henry	368.5	5,647	15.3	304.5	3,844	12.6
Highland	17.0	237	13.9	18.0	142	7.9
Isle of Wight	155.0	2,442	15.8	106.0	1,373	13.0
James City ⁶	NA	NA	NA	NA	NA	NA
King and Queen	47.1	623	13.2	30.0	293	9.8
King George	78.0	1,485	19.0	70.5	853	12.1
King William ⁷	88.0	1,263	14.4	68.0	803	11.8

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TABLE 5.7
Pupil-Teacher Ratios in Virginia's Counties
and Cities: 1986-87, *CONTINUED*

	Elementary			Secondary		
	FTE Teaching Positions	End of Year Membership, K-7	Pupil Teacher Ratio	FTE Teaching Positions	End of Year Membership, 8-12	Pupil Teacher Ratio
Lancaster	57.0	1,016	17.8	38.5	598	15.5
Lee	194.0	3,137	16.2	155.0	1,990	12.8
Loudoun	490.5	8,010	16.3	427.5	5,260	12.3
Louisa	120.8	2,172	18.0	120.5	1,263	10.5
Lunenburg	81.0	1,375	17.0	67.0	773	11.5
Madison	74.2	1,133	15.3	48.8	622	12.7
Mathews	53.0	754	14.2	36.0	468	13.0
Mecklenburg	204.9	3,188	15.6	150.8	1,968	13.1
Middlesex	45.7	706	15.4	36.0	434	12.1
Montgomery	328.6	5,082	15.5	252.2	3,392	13.4
Nelson	90.0	1,273	14.1	66.5	785	11.8
New Kent	70.0	1,032	14.7	51.0	730	14.3
Northampton ⁸	106.5	1,662	15.6	82.5	906	11.0
Northumberland	53.1	845	15.9	36.9	499	13.5
Nottoway	90.5	1,572	17.4	67.0	902	13.5
Orange	146.0	2,247	15.4	93.0	1,342	14.4
Page	129.5	2,085	16.1	95.0	1,242	13.1
Patrick	119.5	1,717	14.4	73.5	1,189	16.2
Pittsylvania	415.8	6,903	16.6	325.5	4,421	13.6
Powhatan	76.6	1,230	16.1	64.1	850	13.3
Prince Edward	88.4	1,528	17.3	68.0	800	11.8
Prince George	181.0	2,940	16.2	141.0	1,749	12.4
Prince William	1,326.1	22,975	17.3	996.4	14,121	14.2
Pulaski	219.0	3,522	16.1	182.0	2,795	15.4
Rappahannock	41.7	558	13.4	29.2	354	12.1
Richmond	47.5	806	17.0	33.8	436	12.9
Roanoke	581.8	7,650	13.1	425.1	5,848	13.8
Rockbridge	98.1	1,671	17.0	98.2	1,029	10.5
Rockingham	343.1	5,749	16.8	236.0	3,302	14.0
Russell	218.0	3,609	16.6	161.0	2,266	14.1
Scott	166.5	2,700	16.2	120.7	1,776	14.7
Shenandoah	190.5	2,833	14.9	143.0	1,835	12.8
Smyth	212.0	3,581	16.9	167.0	2,405	14.4
Southampton	110.5	1,603	14.5	72.5	859	11.8
Spotsylvania	370.0	6,021	16.3	200.0	3,576	17.9
Stafford	369.0	6,311	17.1	305.0	4,237	13.9
Surry	46.0	731	15.9	42.0	450	10.7
Sussex	47.0	984	20.9	56.0	758	13.5
Tazewell	356.4	5,868	16.5	237.8	3,737	15.7
Warren	146.0	2,445	16.7	108.0	1,351	12.5
Washington	294.1	4,802	16.3	219.1	3,239	14.8
Westmoreland ⁹	98.0	1,510	15.4	75.3	873	11.6
Wise	320.1	5,762	18.0	245.9	3,465	14.1
Wythe	170.0	2,646	15.6	146.0	1,945	13.3
York	297.5	5,273	17.7	244.0	3,534	14.5
Cities						
Alexandria	427.5	5,826	13.6	383.0	3,725	9.7
Bedford ²	NA	NA	NA	NA	NA	NA
Bristol	127.0	1,785	14.1	96.0	1,146	11.9
Buena Vista	49.0	797	16.3	37.0	488	13.2
Charlottesville	252.5	3,052	12.1	109.5	1,362	12.4
Chesapeake	934.4	16,612	17.8	639.9	9,560	14.9
Clifton Forge ¹	NA	NA	NA	NA	NA	NA
Colonial Heights	117.0	1,591	13.6	90.0	1,191	13.2

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TABLE 5.7
Pupil-Teacher Ratios in Virginia's Counties
and Cities: 1986-87, *CONTINUED*

	Elementary			Secondary		
	FTE Teaching Positions	End of Year Membership, K-7	Pupil Teacher Ratio	FTE Teaching Positions	End of Year Membership, 8-12	Pupil Teacher Ratio
Covington	51.2	663	12.9	44.5	486	10.9
Danville	265.7	4,211	15.8	215.2	2,749	12.8
Emporia ⁵	NA	NA	NA	NA	NA	NA
Fairfax ³	NA	NA	NA	NA	NA	NA
Falls Church	43.1	646	15.0	45.7	472	10.3
Franklin	62.0	1,060	17.1	48.3	777	16.1
Fredericksburg	86.0	1,317	15.3	70.0	830	11.9
Galax	39.4	666	16.9	41.5	535	12.9
Hampton	733.8	12,203	16.6	567.7	7,845	13.8
Harrisonburg	126.9	1,887	14.9	80.0	959	12.0
Hopewell	164.0	2,450	14.9	123.5	1,479	12.0
Lexington	36.0	415	11.5	19.7	301	15.3
Lynchburg	377.0	5,757	15.3	272.5	3,548	13.0
Manassas	178.6	2,603	14.6	114.3	1,387	12.1
Manassas Park	56.1	943	16.8	36.8	426	11.6
Martinsville	137.0	1,781	13.0	93.5	1,220	13.0
Newport News	1,004.5	16,811	16.7	624.5	9,325	14.9
Norfolk	1,629.0	23,737	14.6	908.0	10,115	11.1
Norton	33.8	642	19.0	24.6	336	13.7
Petersburg	229.0	3,928	17.2	189.5	2,182	11.5
Poquoson	65.0	1,293	19.9	81.0	1,075	13.3
Portsmouth	689.0	12,784	18.6	442.0	5,601	12.7
Radford	67.7	874	12.9	52.2	704	13.5
Richmond	1,089.0	18,240	16.7	962.0	8,097	8.4
Roanoke	467.4	8,718	18.7	475.1	4,975	10.5
Salem	143.0	1,979	13.8	106.3	1,458	13.7
South Boston	56.1	833	14.8	34.3	515	15.0
Staunton	133.5	1,802	13.5	84.6	1,080	12.8
Suffolk	340.0	5,577	16.4	210.0	3,031	14.4
Virginia Beach	1,928.0	39,606	20.5	1,580.0	21,601	13.7
Waynesboro	106.6	1,640	15.4	75.2	1,017	13.5
Williamsburg ⁶	190.1	3,307	17.4	147.0	2,082	14.2
Winchester	133.8	2,021	15.1	94.4	1,063	11.3
MSAs						
Bristol (Va. portion)	587.6	9,287	15.8	435.8	6,161	14.1
Charlottesville	689.1	10,979	15.9	597.4	5,966	10.0
Danville	681.5	11,114	16.3	540.7	7,170	13.3
Lynchburg	815.4	13,607	16.7	673.6	8,726	13.0
Norfolk	7,996.3	140,433	17.6	5,560.1	75,574	13.6
Northern Virginia	7,905.7	128,351	16.2	6,183.0	89,902	14.5
Richmond	5,028.6	83,413	16.6	4,141.3	49,926	12.1
Roanoke	1,345.2	20,849	15.5	1,130.5	14,063	12.4
Planning Districts						
LENOWISCO	714.4	12,241	17.1	546.2	7,567	13.9
Cumberland Plateau	1,030.2	16,592	16.1	737.8	10,435	14.1
Mount Rogers	1,122.4	18,243	16.3	913.6	12,443	13.6
New River Valley	789.5	12,298	15.6	639.4	9,010	14.1
Fifth	1,558.2	23,900	15.3	1,290.3	16,227	12.6
Central Shenandoah	1,272.3	20,425	16.1	1,011.9	12,448	12.3
Lord Fairfax	928.9	14,752	15.9	658.4	8,770	13.3
Northern Virginia	7,536.7	122,040	16.2	5,878.0	85,665	14.6
Rappahannock-Rapidan	720.2	11,394	15.8	520.5	6,945	13.3
Thomas Jefferson	899.9	14,424	16.0	784.4	8,014	10.2

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TABLE 5.7
Pupil-Teacher Ratios in Virginia's Counties
and Cities: 1986-87, *CONTINUED*

	Elementary			Secondary		
	FTE Teaching Positions	End of Year Membership, K-7	Pupil Teacher Ratio	FTE Teaching Positions	End of Year Membership, 8-12	Pupil Teacher Ratio
Central Virginia	1,186.4	19,647	16.6	844.6	12,636	13.4
West Piedmont	1,513.4	24,083	15.9	1,191.4	15,793	13.3
Southside	586.1	9,009	15.4	435.5	5,828	13.4
Piedmont	538.6	8,847	16.4	422.1	5,280	12.5
Richmond Regional	4,187.6	70,380	16.8	3,470.3	41,768	12.0
RADCO	1,037.0	17,198	16.6	744.5	10,766	14.5
Northern Neck	255.6	4,177	16.3	184.5	2,406	13.0
Middle Peninsula	480.8	7,484	15.6	338.0	4,392	13.0
Crater	1,045.0	16,542	15.8	857.0	10,443	12.2
Southeastern Virginia	5,847.9	103,421	17.7	4,006.7	52,917	13.2
Peninsula	2,290.9	38,887	17.0	1,664.2	23,861	14.3
Accomack-Norhampton	285.5	4,970	17.4	251.9	2,717	10.8

SOURCE: Commonwealth of Virginia, Department of Education. *Facing Up-22*. Richmond, Virginia, annual.

NOTES:

¹Clifton Forge City included with Alleghany County.

²Bedford City included with Bedford County.

³Fairfax City included with Fairfax County.

⁴Data for Grayson County include Fries town.

⁵Emporia City included with Greenville County.

⁶James City County included with Williamsburg City.

⁷Data for King William County include West Point town.

⁸Data for Northampton County include Cape Charles town.

⁹Data for Westmoreland County include Colonial Beach town.

NA—Not available.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.



TABLE 5.8
Public High School Graduates for the U.S.,
Virginia, and Surrounding States: 1975–88

	1988	1987	1986	1985	1982	1980	1975
United States	2,419.7	2,377.2	2,402.0	2,437.6	2,711.2	2,762.4	2,823.0
Virginia	66.7	65.1	63.1	61.0	67.8	66.9	65.6
Delaware	6.1	5.9	5.8	5.9	7.8	7.6	8.2
District of Columbia	4.2	3.6	3.9	3.9	4.5	5.1	5.4
Florida	89.0	81.5	81.4	81.1	90.7	87.8	86.5
Georgia	60.9	56.3	56.2	58.7	64.5	62.7	59.8
Kentucky	39.7	37.0	38.1	38.0	42.5	40.8	42.4
Maryland	47.2	44.9	45.7	48.1	54.6	54.5	55.4
North Carolina	64.8	65.8	65.6	67.2	71.2	70.9	70.1
South Carolina ¹	36.0	33.1	34.5	34.5	37.9	37.7	38.3
Tennessee	47.7	44.1	43.2	43.3	51.4	49.8	49.4
West Virginia	22.9	21.6	22.1	22.3	23.6	23.4	24.6

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In thousands. Excludes equivalency certificates.

¹Data for 1975 include pupils graduating during summer.

TABLE 5.9
High School Graduation Rates for the U.S., Virginia,
and Surrounding States: 1980–81 to 1984–85

	1984–85	1983–84	1982–83	1981–82	1980–81
United States	70.6%	70.8%	70.6%	69.7%	69.5%
Virginia	73.7	74.7	74.5	73.8	67.7
Delaware	69.9	71.1	73.4	68.2	67.0
District of Columbia	54.8	55.2	59.8	52.8	49.6
Florida	61.2	62.2	61.3	60.2	58.7
Georgia	62.6	63.1	63.5	65.0	62.9
Kentucky	68.2	68.4	66.7	65.9	66.4
Maryland	77.7	77.8	76.5	74.8	74.1
North Carolina	70.3	69.3	67.9	67.1	65.5
South Carolina	62.4	64.5	64.4	63.8	63.3
Tennessee	64.1	64.5	64.1	67.8	64.6
West Virginia	72.8	73.1	74.5	66.3	70.4

SOURCE: U.S. Department of Education, National Center for Education Statistics, Office of Educational Research and Improvement, OERI. Historical Report CS 87–369h. *Public School Graduates, 1981–1985*. Washington, D.C., annual.

NOTE: Graduation rate represents the proportion of twelfth graders graduating in a year compared to the number of ninth graders three years earlier. Graduation rate adjusted for interstate migration and unclassified students.

TABLE 5.10
High School Graduates in Virginia's Counties and Cities: 1983-84 to 1986-87

	1986-87	1985-86	1984-85	1983-84
Virginia	62,097	59,308	57,329	58,344
Counties				
Accomack	323	348	293	364
Albemarle	645	607	603	651
Alleghany ¹	225	255	249	255
Amelia	92	95	64	82
Amherst	290	314	294	271
Appomattox	147	138	154	139
Arlington	997	881	926	855
Augusta	686	668	661	647
Bath	80	61	69	70
Bedford ²	465	494	410	436
Bland	83	87	87	85
Botetourt	314	306	265	269
Brunswick	152	169	138	139
Buchanan	433	395	408	382
Buckingham	125	143	141	135
Campbell	579	560	563	554
Caroline	206	223	214	276
Carroll	289	274	283	296
Charles City	69	71	75	60
Charlotte	152	132	127	135
Chesterfield	2,526	2,311	2,188	1,945
Clarke	120	119	102	102
Craig	48	58	38	55
Culpeper	292	293	292	265
Cumberland	90	108	107	110
Dickenson	225	201	217	205
Dinwiddie	270	273	323	295
Essex	94	108	100	94
Fairfax ³	10,490	9,787	9,449	9,442
Fauquier	526	428	415	486
Floyd	162	148	141	109
Fluvanna	152	154	115	151
Franklin	377	337	368	383
Frederick	485	439	417	443
Giles	236	260	222	249
Gloucester	291	256	247	267
Goochland	95	103	101	107
Grayson ⁴	159	140	151	130
Greene	97	81	93	93
Greensville ⁵	122	147	120	132
Halifax ⁶	473	445	468	411
Hanover	763	774	732	668
Henrico	2,297	2,101	1,996	1,918
Henry	599	661	634	577
Highland	25	23	24	25
Isle of Wight	213	181	196	165
James City ⁷	...	...	...	...
King and Queen	54	48	64	63
King George	150	130	128	138
King William ⁸	139	134	140	145
Lancaster	61	90	107	108
Lee	272	235	229	247
Loudoun	999	866	905	875
Louisa	185	196	177	182
Lunenburg	142	160	136	154

CONTINUED ■



TABLE 5.10
High School Graduates in Virginia's Counties
and Cities: 1983-84 to 1986-87, *CONTINUED*

	1986-87	1985-86	1984-85	1983-84
Madison	115	132	108	126
Mathews	84	94	71	87
Mecklenburg	310	298	282	335
Middlesex	76	72	82	73
Montgomery	550	568	456	512
Nelson	140	119	146	152
New Kent	107	95	85	98
Northampton ⁹	170	154	155	169
Northumberland	78	94	85	84
Nottoway	157	158	146	138
Orange	267	241	199	216
Page	199	217	189	224
Patrick	211	206	204	215
Pittsylvania	703	619	675	727
Powhatan	141	130	132	152
Prince Edward	103	109	119	95
Prince George	256	284	279	334
Prince William	2,486	2,433	2,207	2,252
Pulaski	473	483	445	462
Rappahannock	64	80	71	86
Richmond	82	72	68	64
Roanoke	1,086	986	890	906
Rockbridge ¹⁰	214	236	256	255
Rockingham	571	479	505	531
Russell	348	313	313	292
Scott	309	320	296	278
Shenandoah	359	311	344	383
Smyth	339	373	337	378
Southampton	113	125	129	104
Spotsylvania	531	438	436	420
Stafford	657	637	595	581
Surry	65	70	54	59
Sussex	158	152	160	181
Tazewell	602	579	563	574
Warren	224	262	243	266
Washington	563	526	524	501
Westmoreland ¹¹	142	172	160	192
Wise	465	405	423	370
Wythe	319	322	284	328
York	610	634	596	603
Cities				
Alexandria	582	587	636	545
Bedford ²	...	...	...	...
Bristol	191	187	168	174
Buena Vista	90	93	64	87
Charlottesville	249	279	242	238
Chesapeake	1,665	1,529	1,413	1,534
Clifton Forge ¹	...	...	...	...
Colonial Heights	218	209	195	221
Covington	101	108	96	111
Danville	489	402	448	477
Emporia ⁵	...	...	...	...
Fairfax ³	...	...	...	...
Falls Church	91	63	82	86
Franklin	140	151	141	116
Fredericksburg	140	156	119	141
Galax	92	105	109	96
Hampton	1,357	1,250	1,253	1,324

CONTINUED ➡

TABLE 5.10
High School Graduates in Virginia's Counties
and Cities: 1983-84 to 1986-87, *CONTINUED*

	1986-87	1985-86	1984-85	1983-84
Harrisonburg	165	158	149	133
Hopewell	250	222	236	269
Lexington ¹⁰	...	...	...	...
Lynchburg	616	609	580	560
Manassas	241	224	213	203
Manassas Park	80	65	96	81
Martinsville	201	217	189	225
Newport News	1,440	1,472	1,316	1,488
Norfolk	1,304	1,283	1,304	1,456
Norton	55	38	35	36
Petersburg	331	359	438	447
Poquoson	218	195	161	192
Portsmouth	853	769	734	825
Radford	122	139	132	113
Richmond	1,076	1,045	1,186	1,234
Roanoke	734	730	696	790
Salem	263	224	234	217
South Boston ⁶	...	...	...	...
Staunton	171	191	188	154
Suffolk	444	478	424	490
Virginia Beach	3,404	3,092	2,933	3,015
Waynesboro	175	157	177	147
Williamsburg ⁷	320	314	294	318
Winchester	171	194	170	144
MSAs				
Bristol (Va. portion)	1,063	1,033	988	953
Charlottesville	1,143	1,121	1,053	1,133
Danville	1,192	1,021	1,123	1,204
Lynchburg	1,485	1,483	1,437	1,385
Norfolk	11,906	11,272	10,675	11,512
Northern Virginia	16,623	15,543	15,109	14,920
Richmond	8,399	7,977	7,966	7,748
Roanoke	2,397	2,246	2,085	2,182
Planning Districts				
LENOWISCO	1,101	998	983	931
Cumberland Plateau	1,608	1,488	1,501	1,457
Mount Rogers	2,035	2,014	1,943	1,967
New River Valley	1,543	1,598	1,396	1,445
Fifth	2,771	2,667	2,468	2,607
Central Shenandoah	2,177	2,066	2,093	2,055
Lord Fairfax	1,558	1,542	1,465	1,562
Northern Virginia	15,966	14,906	14,514	14,339
Rappahannock-Rapidan	1,264	1,174	1,085	1,179
Thomas Jefferson	1,468	1,436	1,376	1,467
Central Virginia	2,097	2,115	2,001	1,960
West Piedmont	2,580	2,442	2,518	2,604
Southside	935	912	888	885
Piedmont	861	905	840	849
Richmond Regional	7,074	6,630	6,495	6,182

CONTINUED →



TABLE 5.10
High School Graduates in Virginia's Counties
and Cities: 1983-84 to 1986-87, *CONTINUED*

	1986-87	1985-86	1984-85	1983-84
RADCO	1,684	1,584	1,492	1,556
Northern Neck	393	428	420	448
Middle Peninsula	738	712	704	729
Crater	1,670	1,716	1,805	1,938
Southeastern Virginia	8,136	7,608	7,274	7,705
Peninsula	3,945	3,865	3,620	3,925
Accomack-Norhampton	493	502	448	533

SOURCE: Commonwealth of Virginia, Department of Education. "Final Annual Secondary School Report, Number of Graduates." Richmond, Virginia, annual. (Computer printout.)

NOTES: ¹Data for Clifton Forge City included with Alleghany County.

²Data for Bedford City included with Bedford County.

³Data for Fairfax City included with Fairfax County.

⁴Includes data for Fries town.

⁵Data for Emporia City included with Greensville County.

⁶Data for South Boston City included with Halifax County.

⁷Data for James City County included with Williamsburg City.

⁸Includes data for West Point town.

⁹Includes data for Cape Charles town.

¹⁰Data for Lexington City included with Rockbridge County.

¹¹Includes data for Colonial Beach town.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 5.11
High School Dropouts in Virginia's Counties and Cities: 1983-84 to 1986-87

	1986-1987		1985-1986		1984-1985		1983-1984	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Virginia	17,901	4.6%	17,281	4.4%	17,355	4.4%	17,492	4.5%
Counties								
Accomack	102	5.3	101	5.3	92	4.8	148	7.3
Albemarle	189	5.4	141	3.9	165	4.5	133	3.5
Alleghany ¹	53	3.5	47	3.2	44	2.9	52	3.4
Amelia	32	5.3	35	5.6	42	7.1	27	4.8
Amherst	119	6.1	112	5.6	141	6.7	140	6.5
Appomattox	45	4.4	43	4.2	55	5.3	53	5.1
Arlington	326	5.4	350	5.7	359	5.6	339	5.3
Augusta	127	3.3	142	3.5	119	2.9	167	4.0
Bath	11	2.9	20	5.1	20	5.0	15	3.5
Bedford ²	103	3.4	129	4.1	97	3.1	108	3.5
Bland	10	2.1	17	3.3	8	1.5	16	3.1
Botetourt	45	2.5	62	3.3	53	2.9	73	4.0
Brunswick	53	4.9	25	2.3	53	4.6	64	5.8
Buchanan	164	5.3	123	4.0	143	4.5	154	4.9
Buckingham	39	4.8	45	5.0	58	6.2	28	3.1

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TABLE 5.11
High School Dropouts in Virginia's Counties and
Cities: 1983-84 to 1986-87, *CONTINUED*

	1986-1987		1985-1986		1984-1985		1983-1984	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Campbell	148	4.1	129	3.6	189	5.1	151	4.1
Caroline	101	7.3	86	5.9	100	6.6	70	4.5
Carroll	64	3.5	69	3.6	69	3.6	58	3.0
Charles City	38	8.1	36	7.0	33	6.1	29	5.4
Charlotte	43	4.4	34	3.4	47	4.6	67	6.3
Chesterfield	647	4.2	527	3.5	569	3.9	497	3.6
Clarke	20	3.0	22	3.2	26	3.6	24	3.4
Craig	13	4.1	9	2.8	6	2.1	3	1.0
Culpeper	116	6.7	119	6.9	114	6.5	129	7.2
Cumberland	17	3.0	22	3.6	34	5.3	36	5.3
Dickenson	68	4.3	51	3.2	96	6.0	108	6.8
Dinwiddie	51	3.2	69	4.2	61	3.5	109	6.0
Essex	51	8.0	29	4.4	26	4.0	34	5.2
Fairfax ³	1,601	2.8	1,539	2.7	1,348	2.4	1,254	2.2
Fauquier	123	3.9	69	2.3	98	3.3	69	2.4
Floyd	23	2.8	17	2.1	30	3.5	19	2.3
Fluvanna	55	6.9	37	4.5	44	5.3	29	3.5
Franklin	179	6.6	130	5.2	64	2.7	138	5.5
Frederick	160	5.6	165	5.8	169	5.7	159	5.5
Giles	25	1.8	38	2.7	42	2.8	43	2.9
Gloucester	86	4.6	26	1.5	86	5.0	64	3.9
Goochland	39	5.3	27	3.6	33	4.6	49	6.6
Grayson ⁴	35	3.5	25	2.5	29	3.1	57	6.2
Greene	30	5.0	41	6.6	26	4.4	32	5.4
Greensville ⁵	101	8.6	117	9.6	129	10.1	103	8.3
Halifax ⁶	115	3.9	150	4.9	133	4.3	133	4.4
Hanover	156	3.7	168	3.9	137	3.2	160	3.7
Henrico	523	4.0	603	4.5	518	3.9	518	4.0
Henry	167	4.2	155	3.7	193	4.5	214	4.9
Highland	3	2.1	2	1.3	3	2.1	1	0.7
Isle of Wight	90	6.2	53	3.8	112	7.5	87	6.0
James City ⁷	...	...	...	...	...	...	...	...
King and Queen	10	3.3	25	7.7	13	3.9	22	5.5
King George	43	4.8	43	4.6	30	3.3	31	3.5
King William ⁸	13	1.6	27	3.3	39	4.6	38	4.4
Lancaster	28	4.5	25	4.2	33	5.6	23	3.9
Lee	114	5.4	124	5.8	121	5.8	102	5.1
Loudoun	188	3.5	193	3.5	152	2.8	165	3.0
Louisa	82	6.1	104	7.6	92	6.9	79	6.1
Lunenburg	33	4.1	43	4.9	36	4.0	50	5.1
Madison	24	3.7	34	4.9	40	5.6	43	5.6
Mathews	5	1.1	16	3.2	19	3.7	20	3.7
Mecklenburg	94	4.5	85	4.1	108	5.2	109	5.2
Middlesex	27	5.9	29	6.1	25	5.1	20	4.1
Montgomery	172	4.8	135	3.8	193	5.4	191	5.3
Nelson	42	5.1	48	5.6	37	4.2	29	3.2
New Kent	32	4.2	31	4.3	23	3.3	30	4.3
Northampton ⁹	48	5.0	48	4.9	37	3.9	32	3.6
Northumberland	21	4.0	19	3.4	28	4.9	18	3.4
Nottoway	33	3.4	40	4.0	55	5.2	54	5.1
Orange	62	4.3	49	3.4	66	4.6	81	5.7
Page	83	6.3	68	5.0	83	6.0	111	7.7
Patrick	47	3.8	52	4.1	59	4.6	43	3.9
Pittsylvania	242	5.2	251	5.3	260	5.5	277	5.8
Powhatan	33	3.7	37	4.0	30	3.2	38	3.9

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TABLE 5.11
High School Dropouts in Virginia's Counties and
Cities: 1983–84 to 1986–87, *CONTINUED*

	1986–1987		1985–1986		1984–1985		1983–1984	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Prince Edward	53	6.2	60	7.0	50	5.9	56	7.0
Prince George	71	3.9	70	3.8	52	2.8	44	2.3
Prince William	557	3.7	453	3.0	472	3.2	413	2.9
Pulaski	141	4.8	155	5.1	154	5.1	100	3.3
Rappahannock	12	3.3	18	4.5	17	4.1	9	2.2
Richmond	40	8.4	27	5.6	12	2.6	14	3.1
Roanoke	217	3.5	186	2.9	209	3.3	201	3.3
Rockbridge ¹⁰	61	4.6	52	3.9	58	4.2	71	4.9
Rockingham	151	4.4	193	5.5	186	5.3	174	4.9
Russell	122	5.1	112	4.6	133	5.5	120	5.0
Scott	75	4.1	104	5.3	104	5.3	81	4.2
Shenandoah	93	4.8	82	4.1	63	3.1	88	4.3
Smyth	89	3.6	102	4.0	70	2.8	77	3.1
Southampton	44	4.7	50	5.2	32	3.2	48	4.9
Spotsylvania	213	5.6	235	6.5	191	5.5	143	4.3
Stafford	189	4.3	164	3.8	178	4.1	147	3.5
Surry	19	4.1	13	2.7	14	3.0	36	7.5
Sussex	41	5.1	32	3.7	32	3.4	31	3.2
Tazewell	162	4.2	144	3.7	138	3.7	142	3.7
Warren	102	7.1	96	6.6	69	4.6	58	3.8
Washington	161	4.7	147	4.4	161	4.7	150	4.3
Westmoreland ¹¹	67	7.1	65	6.4	53	5.0	66	6.1
Wise	189	5.3	213	5.9	219	6.2	191	5.6
Wythe	68	3.4	81	3.9	66	3.3	86	4.2
York	95	2.6	81	2.2	73	2.0	78	2.2
Cities								
Alexandria	204	5.2	166	4.0	228	5.2	167	4.0
Bedford ²	...	...	...	...	...	...	...	...
Bristol	72	5.9	55	4.4	50	4.1	75	5.9
Buena Vista	23	4.4	21	3.9	27	5.0	17	3.1
Charlottesville	119	8.0	112	6.9	144	8.5	153	8.6
Chesapeake	323	3.2	364	3.8	411	4.3	355	3.7
Clifton Forge ¹	...	...	...	...	...	...	...	...
Colonial Heights	37	3.0	53	4.1	40	3.1	47	3.6
Covington	14	2.8	15	2.6	13	2.3	15	2.4
Danville	182	6.5	142	4.8	150	5.1	147	4.9
Emporia ⁵	...	...	...	...	...	...	...	...
Fairfax ³	...	...	...	...	...	...	...	...
Falls Church	2	0.4	6	1.3	5	1.1	5	1.1
Franklin	36	4.4	24	2.7	26	3.0	28	3.3
Fredericksburg	53	6.1	65	6.9	52	5.8	55	6.3
Galax	29	5.1	21	3.8	21	3.5	49	6.8
Hampton	448	5.4	435	5.2	360	4.3	330	3.9
Harrisonburg	55	5.4	44	4.3	41	4.0	34	3.4
Hopewell	141	8.7	107	6.6	102	6.2	140	8.2
Lexington ¹⁰	...	...	...	...	...	...	1	1.4
Lynchburg	293	7.3	260	6.3	279	6.6	267	6.5
Manassas	64	4.4	67	4.7	79	5.5	38	2.8
Manassas Park	26	5.7	27	5.6	37	7.0	32	5.9
Martinsville	52	4.1	54	4.2	66	4.8	79	5.6
Newport News	447	4.4	387	3.8	369	3.7	575	5.9
Norfolk	1,004	9.1	1,088	9.7	1,058	9.3	1,334	11.5
Norton	16	4.5	17	4.6	19	5.3	24	6.6
Petersburg	206	8.6	215	8.3	284	10.1	197	6.9
Poquoson	13	1.2	21	1.9	25	2.3	25	2.4
Portsmouth	248	4.1	219	3.7	319	5.3	412	6.5

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TABLE 5.11
High School Dropouts in Virginia's Counties and
Cities: 1983-84 to 1986-87, *CONTINUED*

	1986-1987		1985-1986		1984-1985		1983-1984	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Radford	22	3.0	17	2.2	18	2.4	20	2.8
Richmond	1,015	10.7	943	9.7	869	8.6	816	7.9
Roanoke	223	4.2	167	3.0	284	5.2	262	4.6
Salem	70	4.6	83	5.2	51	3.1	34	2.0
South Boston ⁶	...	...	...	...	...	...	...	...
Staunton	67	5.8	62	5.1	65	5.2	77	6.3
Suffolk	169	5.3	171	5.3	163	5.0	209	6.4
Virginia Beach	1,176	5.1	1,236	5.4	1,082	4.8	1,047	4.8
Waynesboro	78	7.2	26	2.5	46	4.4	64	6.1
Williamsburg ⁷	100	4.6	102	4.8	104	5.0	93	4.6
Winchester	60	5.4	72	5.9	70	5.7	78	6.2
MSAs								
Bristol (Va. portion)	308	NC	306	NC	315	NC	306	NC
Charlottesville	393	NC	331	NC	379	NC	347	NC
Danville	424	NC	393	NC	410	NC	424	NC
Lynchburg	560	NC	501	NC	609	NC	558	NC
Norfolk	4,109	NC	4,130	NC	4,050	NC	4,522	NC
Northern Virginia	3,157	NC	2,965	NC	2,858	NC	2,560	NC
Richmond	2,989	NC	2,886	NC	2,751	NC	2,674	NC
Roanoke	555	NC	498	NC	597	NC	570	NC
Planning Districts								
LENOWISCO	394	NC	458	NC	463	NC	398	NC
Cumberland Plateau	516	NC	430	NC	510	NC	524	NC
Mount Rogers	528	NC	517	NC	474	NC	568	NC
New River Valley	383	NC	362	NC	437	NC	373	NC
Fifth	635	NC	569	NC	660	NC	640	NC
Central Shenandoah	576	NC	562	NC	565	NC	621	NC
Lord Fairfax	518	NC	505	NC	480	NC	518	NC
Northern Virginia	2,968	NC	2,801	NC	2,680	NC	2,413	NC
Rappahannock-Rapidan	337	NC	289	NC	335	NC	331	NC
Thomas Jefferson	517	NC	483	NC	508	NC	455	NC
Central Virginia	708	NC	673	NC	761	NC	719	NC
West Piedmont	869	NC	784	NC	792	NC	904	NC
Southside	262	NC	260	NC	294	NC	306	NC
Piedmont	250	NC	279	NC	322	NC	318	NC
Richmond Regional	2,483	NC	2,372	NC	2,212	NC	2,137	NC
RADCO	599	NC	593	NC	551	NC	446	NC
Northern Neck	156	NC	136	NC	126	NC	121	NC

CONTINUED ➡



TABLE 5.11
High School Dropouts in Virginia's Counties and
Cities: 1983-84 to 1986-87, *CONTINUED*

	1986-1987		1985-1986		1984-1985		1983-1984	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Middle Peninsula	192	NC	152	NC	208	NC	198	NC
Crater	667	NC	676	NC	714	NC	707	NC
Southeastern Virginia	3,090	NC	3,205	NC	3,203	NC	3,520	NC
Peninsula	1,103	NC	1,026	NC	931	NC	1,101	NC
Accomack-Northampton	150	NC	149	NC	129	NC	180	NC

SOURCE: Commonwealth of Virginia, Department of Education. "Summary of High School Dropouts, Grades 8-12 and Special Education." Richmond, Virginia, annual. (Computer printout.)

NOTES: ¹Data for Clifton Forge City included with Alleghany County.

²Data for Bedford City included with Bedford County.

³Data for Fairfax City included with Fairfax County.

⁴Includes data for Fries town.

⁵Data for Emporia City included with Greensville County.

⁶Data for South Boston City included with Halifax County.

⁷Data for James City County included with Williamsburg City.

⁸Includes data for West Point town.

⁹Includes data for Cape Charles town.

¹⁰Data for Lexington City included with Rockbridge County for 1984-85, 1985-86, and 1986-87 school years.

¹¹Includes data for Colonial Beach town.

NC—Not computed.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 5.12
National Percentile Equivalents of Selected Average Scores for
the Fourth Grade for Virginia's Counties and Cities: 1986-87

	SRA Achievement Scores			
	EAS	Reading	Language Arts	Mathematics
Virginia	58	58	62	61
Counties				
Accomack	38	33	40	31
Albemarle	58	60	60	60
Alleghany ¹	54	49	47	50
Amelia	44	46	46	46
Amherst	45	50	54	47
Appomattox	53	59	65	59
Arlington	70	72	74	80
Augusta	53	57	55	51
Bath	58	56	55	62
Bedford ²	51	52	57	54
Bland	57	64	54	49
Botetourt	62	60	62	61
Brunswick	38	43	46	46

CONTINUED ➡

TABLE 5.12

National Percentile Equivalents of Selected Average Scores for the Fourth Grade for Virginia's Counties and Cities: 1986-87, *CONTINUED*

	EAS	SRA Achievement Scores		
		Reading	Language Arts	Mathematics
Buchanan	47	52	54	59
Buckingham	38	39	44	36
Campbell	51	55	58	55
Caroline	49	48	56	45
Carroll	46	45	45	45
Charles City	34	42	42	44
Charlotte	37	42	54	59
Chesterfield	69	73	73	72
Clarke	66	64	65	66
Craig	42	50	46	39
Culpeper	48	55	56	40
Cumberland	41	43	51	55
Dickenson	48	54	48	54
Dinwiddie	41	45	46	41
Essex	46	54	54	57
Fairfax ³	75	75	75	77
Fauquier	57	56	54	51
Floyd	47	50	53	38
Fluvanna	50	48	59	59
Franklin	60	65	65	62
Frederick	63	61	60	64
Giles	48	48	48	50
Gloucester	58	58	57	48
Goochland	50	50	56	47
Grayson ⁴	45	49	46	46
Greene	58	58	52	54
Greensville ⁵	37	41	51	45
Halifax	46	49	57	54
Hanover	63	63	65	58
Henrico	60	60	66	63
Henry	48	48	54	49
Highland	50	64	65	50
Isle of Wight	48	46	53	47
James City ⁶	NA	NA	NA	NA
King and Queen	58	55	54	57
King George	57	59	62	51
King William	53	52	62	49
Lancaster	58	51	60	57
Lee	48	58	53	55
Loudoun	71	71	72	68
Louisa	47	47	49	46
Lunenburg	35	45	48	41
Madison	41	44	45	40
Mathews	62	63	67	58
Mecklenburg	41	46	58	46
Middlesex	53	55	52	39
Montgomery	60	61	63	63
Nelson	46	56	56	49
New Kent	62	59	56	47
Northampton	39	32	45	50
Northumberland	38	44	45	36
Nottoway	60	56	60	58
Orange	49	55	54	50
Page	52	55	48	50
Patrick	48	49	51	44

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**TABLE 5.12**

National Percentile Equivalents of Selected Average Scores for the Fourth Grade for Virginia's Counties and Cities: 1986-87, *CONTINUED*

	EAS	SRA Achievement Scores		
		Reading	Language Arts	Mathematics
Pittsylvania	47	48	51	45
Powhatan	51	49	55	49
Prince Edward	46	45	46	51
Prince George	60	58	63	64
Prince William	68	68	71	68
Pulaski	49	54	59	56
Rappahannock	60	61	62	67
Richmond	45	46	54	45
Roanoke	69	71	70	66
Rockbridge	52	58	56	50
Rockingham	55	58	57	60
Russell	45	45	46	55
Scott	58	55	55	52
Shenandoah	53	58	63	51
Smyth	44	48	51	48
Southampton	40	37	46	49
Spotsylvania	59	58	64	60
Stafford	66	66	68	67
Surry	45	48	64	69
Sussex	33	32	39	30
Tazewell	53	56	58	62
Warren	48	52	52	49
Washington	58	56	55	66
Westmoreland	38	44	47	36
Wise	50	56	54	53
Wythe	49	50	47	43
York	67	65	68	70
Cities				
Alexandria	62	61	69	59
Bedford ²	NA	NA	NA	NA
Bristol	53	55	52	49
Buena Vista	51	55	54	52
Charlottesville	58	58	63	62
Chesapeake	51	49	56	53
Clifton Forge ¹	NA	NA	NA	NA
Colonial Heights	68	65	69	71
Covington	50	48	54	48
Danville	43	48	57	57
Emporia ⁵	NA	NA	NA	NA
Fairfax ³	NA	NA	NA	NA
Falls Church	87	80	79	78
Franklin	39	37	52	44
Fredericksburg	54	57	60	46
Galax	60	66	64	73
Hampton	55	55	59	59
Harrisonburg	69	69	68	62
Hopewell	54	50	61	62
Lexington	60	72	64	58
Lynchburg	58	63	69	72
Manassas	67	67	73	66
Manassas Park	49	48	47	44
Martinsville	57	52	60	57
Newport News	54	54	58	60
Norfolk	47	48	56	52
Norton	59	56	47	57

CONTINUED ➡

TABLE 5.12
National Percentile Equivalents of Selected Average Scores for the Fourth Grade for Virginia's Counties and Cities: 1986-87, *CONTINUED*

	EAS	SRA Achievement Scores		
		Reading	Language Arts	Mathematics
Petersburg	38	40	53	44
Poquoson	71	71	65	82
Portsmouth	38	38	52	43
Radford	67	71	71	65
Richmond	47	48	58	59
Roanoke	48	49	51	51
Salem	70	74	73	68
South Boston	57	61	63	65
Staunton	62	65	68	59
Suffolk	45	45	51	47
Virginia Beach	65	65	68	69
Waynesboro	56	57	57	63
Williamsburg ⁶	57	54	59	56
Winchester	62	57	62	62

SOURCE: Commonwealth of Virginia, Department of Education. *Facing Up-22*. Richmond, Virginia, annual.

NOTES: Listed in this table are the division-by-division and statewide results from the Virginia State Assessment Program. The results are reported in percentile equivalents of average scores; i.e., the average scores (for a division or the State) are compared with the scores of a national norm group (national sample of students). A percentile equivalent of 54 indicates that the average score is higher than the scores of 54 percent of students in the national norm group and that 46 percent scored as well or better. The 50th percentile represents an average score for students nationwide.

"EAS" (Educational Ability Series) is designed to provide an estimate of a student's ability to do grade level work.

"SRA Achievement Scores" (Science Research Associates) is a test battery designed to measure a student's status in the major skill and content areas.

¹Clifton Forge City included with Alleghany County.

²Bedford City included with Bedford County.

³Fairfax City included with Fairfax County.

⁴Data for Grayson County include Fries town.

⁵Emporia City included with Greensville County.

⁶James City County included with Williamsburg City.

NA—Not available.

TABLE 5.13
National Percentile Equivalents of Selected Average Scores for the Eighth Grade for Virginia's Counties and Cities: 1986-87

	EAS	SRA Achievement Scores		
		Reading	Language Arts	Mathematics
Virginia	62	55	58	67
Counties				
Accomack	45	38	50	56
Albemarle	67	66	63	71
Alleghany ¹	57	50	52	50
Amelia	48	44	47	50
Amherst	53	46	49	59

CONTINUED ➡

**TABLE 5.13**
National Percentile Equivalents of Selected Average Scores for the Eighth Grade for Virginia's Counties and Cities: 1986-87, *CONTINUED*

	EAS	SRA Achievement Scores		
		Reading	Language Arts	Mathematics
Appomattox	54	39	49	65
Arlington	74	71	74	83
Augusta	60	54	55	64
Bath	55	49	48	65
Bedford ²	61	53	57	64
Bland	58	51	48	63
Botetourt	65	59	60	65
Brunswick	43	38	48	55
Buchanan	43	40	44	53
Buckingham	47	36	43	51
Campbell	58	50	56	67
Caroline	52	47	51	54
Carroll	57	55	53	59
Charles City	44	35	41	50
Charlotte	42	35	47	55
Chesterfield	75	65	69	76
Clarke	62	51	61	61
Craig	62	55	54	60
Culpeper	60	56	62	64
Cumberland	41	33	48	59
Dickenson	44	42	41	45
Dinwiddie	50	48	48	55
Essex	53	49	57	53
Fairfax ³	79	73	76	86
Fauquier	65	55	57	67
Floyd	53	48	43	51
Fluvanna	53	48	49	50
Franklin	56	51	53	61
Frederick	60	55	56	66
Giles	48	46	44	52
Gloucester	64	50	56	60
Goochland	61	51	53	61
Grayson ⁴	51	49	49	57
Greene	59	55	57	64
Greensville ⁵	36	32	41	50
Halifax ⁷	52	45	55	57
Hanover	67	58	60	66
Henrico	66	59	61	70
Henry	50	43	48	56
Highland	67	60	57	61
Isle of Wight	46	38	44	48
James City ⁶	NA	NA	NA	NA
King and Queen	50	48	49	55
King George	69	62	64	77
King William	56	40	47	54
Lancaster	54	50	57	50
Lee	41	37	38	45
Loudoun	73	67	69	77
Louisa	48	39	45	46
Lunenburg	59	55	60	70
Madison	49	51	51	60
Mathews	64	65	67	68
Mecklenburg	46	39	47	44
Middlesex	61	60	64	61
Montgomery	62	59	58	64

CONTINUED ➡

TABLE 5.13

National Percentile Equivalents of Selected Average Scores for the Eighth Grade for Virginia's Counties and Cities: 1986-87, *CONTINUED*

	EAS	SRA Achievement Scores		
		Reading	Language Arts	Mathematics
Nelson	55	52	53	59
New Kent	54	43	42	55
Northampton	54	43	50	65
Northumberland	53	45	51	52
Nottoway	54	45	50	56
Orange	56	50	55	62
Page	53	43	45	54
Patrick	56	48	51	64
Pittsylvania	49	39	46	54
Powhatan	54	44	47	47
Prince Edward	49	45	41	64
Prince George	66	60	58	70
Prince William	70	64	67	74
Pulaski	55	46	50	56
Rappahannock	58	48	53	52
Richmond	63	60	61	77
Roanoke	71	64	66	70
Rockbridge	59	55	55	63
Rockingham	63	58	54	69
Russell	48	42	49	54
Scott	48	42	44	50
Shenandoah	56	49	50	61
Smyth	49	45	49	55
Southampton	49	46	50	50
Spotsylvania	62	55	59	60
Stafford	67	62	63	75
Surry	52	33	49	60
Sussex	31	24	36	36
Tazewell	54	48	49	57
Warren	52	43	44	60
Washington	57	50	49	63
Westmoreland	54	45	58	59
Wise	53	50	53	60
Wythe	45	40	41	45
York	69	62	64	77
Cities				
Alexandria	58	53	59	67
Bedford ⁴	NA	NA	NA	NA
Bristol	48	39	47	46
Buena Vista	55	54	54	60
Charlottesville	63	56	61	70
Chesapeake	55	46	49	58
Clifton Forge ¹	NA	NA	NA	NA
Colonial Heights	70	60	68	73
Covington	54	51	54	55
Danville	53	39	48	60
Emporia ⁵	NA	NA	NA	NA
Fairfax ³	NA	NA	NA	NA
Falls Church	80	77	75	78
Franklin	52	44	53	54
Fredericksburg	66	59	59	67
Galax	60	54	58	66
Hampton	57	48	54	58
Harrisonburg	73	66	70	77
Hopewell	54	47	52	66
Lexington	76	76	76	81

CONTINUED ➡

**TABLE 5.13**

National Percentile Equivalents of Selected Average Scores for the Eighth Grade for Virginia's Counties and Cities: 1986-87, *CONTINUED*

	EAS	SRA Achievement Scores		
		Reading	Language Arts	Mathematics
Lynchburg	63	57	63	76
Manassas	69	61	67	69
Manassas Park	52	46	50	51
Martinsville	53	48	56	51
Newport News	57	53	59	66
Norfolk	50	39	49	58
Norton	51	46	49	68
Petersburg	47	41	49	59
Poquoson	73	68	67	76
Portsmouth	49	39	49	58
Radford	61	59	54	69
Richmond	46	39	49	52
Roanoke	59	49	53	58
Salem	67	58	61	74
South Boston ⁷	NA	NA	NA	NA
Staunton	61	59	58	69
Suffolk	51	43	48	51
Virginia Beach	69	62	63	74
Waynesboro	65	61	63	70
Williamsburg ⁶	62	54	53	62
Winchester	66	57	61	65

SOURCE: Commonwealth of Virginia, Department of Education. *Facing Up-22*. Richmond, Virginia, annual.

NOTES: Listed in this table are the division-by-division and statewide results from the Virginia State Assessment Program. The results are reported in percentile equivalents of average scores; i.e., the average scores (for a division or the State) are compared with the scores of a national norm group (national sample of students). A percentile equivalent of 54 indicates that the average score is higher than the scores of 54 percent of students in the national norm group and that 46 percent scored as well or better. The 50th percentile represents an average score for students nationwide.

"EAS" (Educational Ability Series) is designed to provide an estimate of a student's ability to do grade level work.

"SRA Achievement Scores" (Science Research Associates) is a test battery designed to measure a student's status in the major skill and content areas.

¹Clifton Forge City included with Alleghany County.

²Bedford City included with Bedford County.

³Fairfax City included with Fairfax County.

⁴Data for Grayson County include Fries town.

⁵Emporia City included with Greenville County.

⁶James City County included with Williamsburg City.

⁷South Boston grade 8 students attend Halifax County schools.

NA—Not available.

TABLE 5.14

National Percentile Equivalents of Selected Average Scores for the Eleventh Grade for Virginia's Counties and Cities: 1986-87

	EAS	SRA Achievement Scores		
		Reading	Language Arts	Mathematics
Virginia	65	60	61	67
Counties				
Accomack	47	39	48	55
Albemarle	75	72	69	75
Alleghany ¹	65	61	65	64
Amelia	60	46	53	51
Amherst	50	47	47	55
Appomattox	54	54	53	59
Arlington	70	65	66	76
Augusta	62	57	55	62
Bath	60	47	38	54
Bedford ²	59	57	55	64
Bland	60	58	54	64
Botetourt	61	59	54	61
Brunswick	42	45	54	57
Buchanan	46	40	37	46
Buckingham	50	42	53	55
Campbell	56	55	58	64
Caroline	48	39	49	45
Carroll	49	47	44	50
Charles City	46	35	46	41
Charlotte	46	46	52	54
Chesterfield	74	71	68	75
Clarke	56	53	55	56
Craig	67	60	55	57
Culpeper	59	57	58	62
Cumberland	40	33	43	45
Dickenson	52	55	55	56
Dinwiddie	47	39	47	50
Essex	57	48	58	55
Fairfax ³	79	75	74	81
Fauquier	63	59	59	62
Floyd	57	49	45	53
Fluvanna	59	62	57	54
Franklin	66	60	65	66
Frederick	64	58	53	68
Giles	52	41	42	55
Gloucester	64	52	52	59
Goochland	57	44	45	50
Grayson ⁴	52	56	55	58
Greene	57	55	54	66
Greensville ⁵	45	35	43	45
Halifax ⁷	51	45	56	57
Hanover	65	62	60	66
Henrico	67	62	65	69
Henry	57	50	57	59
Highland	44	39	33	46
Isle of Wight	55	50	53	54
James City ⁶	NA	NA	NA	NA
King and Queen	38	35	42	44
King George	75	62	65	68
King William	61	55	52	62
Lancaster	55	51	53	57
Lee	51	45	44	52

CONTINUED ➡

**TABLE 5.14**
**National Percentile Equivalents of Selected Average Scores for the
Eleventh Grade for Virginia's Counties and Cities: 1986-87, *CONTINUED***

	EAS	SRA Achievement Scores		
		Reading	Language Arts	Mathematics
Loudoun	78	72	68	75
Louisa	63	55	56	59
Lunenburg	66	60	64	68
Madison	55	54	53	61
Mathews	69	65	62	68
Mecklenburg	50	45	53	48
Middlesex	56	53	58	58
Montgomery	61	60	54	64
Nelson	57	56	59	61
New Kent	54	60	51	61
Northampton	48	35	45	57
Northumberland	67	59	67	61
Nottoway	58	51	54	57
Orange	53	51	50	60
Page	55	50	53	64
Patrick	60	53	54	61
Pittsylvania	44	38	45	50
Powhatan	63	53	61	58
Prince Edward	51	49	54	59
Prince George	66	66	65	67
Prince William	70	68	66	70
Pulaski	55	49	50	59
Rappahannock	60	53	57	57
Richmond	62	58	62	69
Roanoke	70	67	64	72
Rockbridge ⁸	59	54	51	60
Rockingham	62	58	57	68
Russell	52	49	52	52
Scott	50	47	52	57
Shenandoah	60	54	53	59
Smyth	51	48	47	55
Southampton	43	39	54	41
Spotsylvania	65	62	62	64
Stafford	68	65	62	68
Surry	46	36	53	49
Sussex	22	19	25	34
Tazewell	51	49	45	56
Warren	49	48	43	57
Washington	57	55	53	64
Westmoreland	49	46	55	55
Wise	56	56	59	60
Wythe	51	49	45	53
York	70	68	66	74
Cities				
Alexandria	61	55	56	66
Bedford ⁴	NA	NA	NA	NA
Bristol	53	50	54	54
Buena Vista	50	48	54	59
Charlottesville	65	65	66	68
Chesapeake	59	53	54	60
Clifton Forge ¹	NA	NA	NA	NA
Colonial Heights	70	62	63	68
Covington	61	54	55	59
Danville	53	47	53	56

CONTINUED ➡

TABLE 5.14

National Percentile Equivalents of Selected Average Scores for the Eleventh Grade for Virginia's Counties and Cities: 1986-87, *CONTINUED*

	SRA Achievement Scores			
	EAS	Reading	Language Arts	Mathematics
Emporia ⁵	NA	NA	NA	NA
Fairfax ³	NA	NA	NA	NA
Falls Church	78	77	71	80
Franklin	55	48	56	56
Fredericksburg	75	73	69	75
Galax	62	60	60	59
Hampton	61	53	52	60
Harrisonburg	75	73	71	76
Hopewell	56	53	55	65
Lexington ⁸	NA	NA	NA	NA
Lynchburg	56	57	58	65
Manassas	65	60	62	68
Manassas Park	51	42	44	50
Martinsville	57	54	59	64
Newport News	56	51	54	59
Norfolk	62	59	64	73
Norton	61	60	54	67
Petersburg	42	44	50	50
Poquoson	75	70	66	75
Portsmouth	51	48	54	60
Radford	68	66	62	70
Richmond	45	40	48	49
Roanoke	61	52	58	57
Salem	68	61	56	68
South Boston ⁷	NA	NA	NA	NA
Staunton	66	62	58	65
Suffolk	47	44	51	49
Virginia Beach	69	66	66	72
Waynesboro	72	61	69	74
Williamsburg ⁶	74	67	67	75
Winchester	65	62	66	70

SOURCE: Commonwealth of Virginia, Department of Education. *Facing Up-22*. Richmond, Virginia, annual.

- NOTES: Listed in this table are the division-by-division and statewide results from the Virginia State Assessment Program. The results are reported in percentile equivalents of average scores; i.e., the average scores (for a division or the State) are compared with the scores of a national norm group (national sample of students). A percentile equivalent of 54 indicates that the average score is higher than the scores of 54 percent of students in the national norm group and that 46 percent scored as well or better. The 50th percentile represents an average score for students nationwide.
- ¹EAS* (Educational Ability Series) is designed to provide an estimate of a student's ability to do grade level work.
- ²SRA Achievement Scores* (Science Research Associates) is a test battery designed to measure a student's status in the major skill and content areas.
- ³Clifton Forge City included with Alleghany County.
- ⁴Bedford City included with Bedford County.
- ⁵Fairfax City included with Fairfax County.
- ⁶Data for Grayson County include Fries town.
- ⁷Emporia City included with Greensville County.
- ⁸James City County Included with Williamsburg City.
- ⁹South Boston grade 11 students attend Halifax County schools.
- ¹⁰Lexington grade 11 students attend Rockbridge County schools.
- NA—Not available.



TABLE 5.15
Scholastic Aptitude Test Score Averages for the U.S.,
Virginia, and Surrounding States: 1974–75 to 1985–86

	1985–86		1980–81		1974–75		Percent of Graduates Taking SAT, 1982
	Verbal	Math	Verbal	Math	Verbal	Math	
United States	431	475	424	466	434	472	NA
Virginia	435	473	424	461	431	463	51%
Delaware	442	475	429	470	439	476	50
District of Columbia	...	...	...	...	...	...	...
Florida	426	469	424	463	441	474	38
Georgia	402	440	390	426	397	427	49
Kentucky	483	519	474	509	470	507	6
Maryland	436	475	423	461	436	471	50
North Carolina	399	436	391	427	399	428	47
South Carolina	395	431	374	406	382	412	49
Tennessee	486	521	475	514	477	511	8
West Virginia	462	502	458	495	462	502	7

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Digest of Education Statistics 1987*, U.S. Government Printing Office, Washington, D.C., annual.

NOTE: NA—Not available.

TABLE 5.16
Receipts of Public Elementary and Secondary Schools
for the U.S., Virginia, and Surrounding States: 1986–87

	Total Receipts	Non- Revenue Receipts	Revenue Receipts			
			Total	Federal	State	Local & Other
United States	\$167,569.4	\$6,661.2	\$160,908.3	\$9,958.6	\$80,433.1	\$70,516.6
Virginia	3,932.1	62.0	3,870.1	211.0	1,314.1	2,345.0
Delaware	459.2	8.4	450.8	36.0	309.9	104.9
District of Columbia	410.1	...	410.1	26.1	...	384.0
Florida	6,965.8	273.7	6,692.1	492.0	3,557.2	2,642.9
Georgia	3,363.1	8.0	3,355.1	267.1	1,895.4	1,192.6
Kentucky	2,091.8	145.2	1,946.6	213.0	1,351.7	381.9
Maryland	3,184.5	20.1	3,164.4	167.7	1,243.9	1,752.8
North Carolina	3,575.7	18.3	3,557.4	235.1	2,264.1	1,058.3
South Carolina	2,054.3	118.1	1,936.2	183.3	1,133.1	619.8
Tennessee	2,417.8	97.7	2,320.1	240.8	1,169.2	910.1
West Virginia	1,238.3	28.0	1,210.2	108.2	780.3	321.8

SOURCE: National Education Association, *Estimates of School Statistics 1986–87*, Washington, D.C., annual.

NOTE: In millions of dollars.

TABLE 5.17

Expenditures of Public Elementary and Secondary Schools for the U.S., Virginia, and Surrounding States: 1974-75 to 1986-87

	Total			Average Per Pupil in ADA			Per Capita		
	1986-1987	1979-1980	1974-1975	1986-1987	1979-1980	1974-1975	1986-1987	1979-1980	1974-1975
United States	\$146,244	\$85,661	\$53,333	\$3,970	\$2,230	\$1,286	\$571	\$381	\$250
Virginia	3,466	1,890	1,191	3,809	1,979	1,180	567	356	240
Delaware	413	270	191	4,776	2,881	1,511	619	454	312
District of Columbia	408	294	210	5,349	3,226	1,767	587	452	293
Florida	6,037	2,956	1,613	4,056	2,138	1,139	466	314	194
Georgia	3,153	1,641	980	3,167	1,658	990	485	304	196
Kentucky	1,790	1,173	575	3,107	1,892	891	440	322	168
Maryland	2,880	1,820	1,226	4,659	2,580	1,525	597	434	298
North Carolina	3,521	2,001	1,198	3,473	1,866	1,104	540	344	219
South Carolina	1,720	915	592	3,005	1,603	1,043	491	296	208
Tennessee	2,190	1,348	772	2,842	1,671	938	424	296	183
West Virginia	971	672	345	2,959	1,904	947	491	346	190

SOURCES: National Education Association. *Estimates of School Statistics 1986-87*. Washington, D.C., annual; U.S. Department of Commerce, Bureau of the Census. *State and Metropolitan Area Data Book 1986*. U.S. Government Printing Office, Washington, D.C., 1986.

NOTES: "Total" in millions of dollars.
 "ADA" is average daily attendance.
 "Per Capita" is based on estimated resident population as of July 1, 1974, 1979, and 1986.

TABLE 5.18

Total Local Expenditures for Public School Operations and Sources of Financial Support for Expenditures for Virginia's Counties and Cities: 1986-87

	Total Expenditures for Operations	Source of Support			
		Local	State Retail Sales & Use Tax	State	Federal
Virginia	\$3,599,798,348	46.9%	10.2%	37.0%	5.9%
Counties					
Accomack	16,497,014	34.2	10.3	44.6	10.8
Albemarle	36,605,698	59.0	8.3	29.8	2.9
Alleghany ¹	12,938,192	40.1	9.4	45.3	5.2
Amelia	4,700,030	30.5	13.4	48.8	7.3
Amherst	13,931,969	27.7	11.8	55.3	5.2
Appomattox	6,848,587	25.0	12.6	56.8	5.6
Arlington ⁹	90,965,124	76.3	6.9	12.9	3.9
Augusta ⁹	32,090,498	35.7	9.8	49.8	4.8
Bath	4,663,325	69.2	6.8	16.6	7.5
Bedford ²	23,748,869	35.7	12.6	47.7	4.0
Bland	3,323,230	21.1	12.1	59.9	6.9
Botetourt	13,168,630	33.8	11.6	50.3	4.2
Brunswick	8,694,885	25.3	12.7	51.3	10.6

CONTINUED ➡



TABLE 5.18

Total Local Expenditures for Public School Operations
and Sources of Financial Support for Expenditures for
Virginia's Counties and Cities: 1986-87, *CONTINUED*

	Total Expenditures for Operations	Source of Support			
		Local	State Retail Sales & Use Tax	State	Federal
Buchanan	25,707,310	32.5	11.4	48.0	6.1
Buckingham	6,733,763	27.4	11.8	48.7	12.2
Campbell	25,496,089	28.7	14.1	52.6	4.5
Caroline	11,731,788	33.1	11.6	47.9	7.4
Carroll	13,584,972	21.9	12.4	57.5	8.2
Charles City	4,454,614	39.5	8.3	42.9	9.3
Charlotte	6,950,992	19.6	13.1	54.7	12.5
Chesterfield ⁹	126,584,879	43.1	10.4	44.0	2.5
Clarke	5,601,590	48.5	11.5	35.8	4.2
Craig	2,063,927	13.9	12.9	53.0	20.2
Culpeper	14,801,073	42.5	10.3	42.1	5.2
Cumberland	4,114,550	23.1	14.8	51.8	10.3
Dickenson	15,128,044	39.9	9.7	43.8	6.7
Dinwiddie ⁹	13,630,886	34.9	9.1	49.8	6.2
Essex	5,408,545	45.0	11.0	37.2	6.8
Fairfax ⁹	597,494,701	68.8	7.8	20.4	3.0
Fauquier	25,521,487	51.6	10.9	32.4	5.1
Floyd	5,953,225	28.5	12.3	53.6	5.5
Fluvanna	6,404,602	35.5	9.9	46.4	8.2
Franklin	18,392,862	27.5	11.9	55.0	5.6
Frederick	22,507,567	37.2	11.8	47.0	4.1
Giles	9,771,513	32.1	11.8	49.2	7.0
Gloucester	14,774,196	32.1	11.9	48.6	7.4
Goochland	6,460,651	51.5	10.5	32.8	5.1
Grayson ³	7,934,583	25.7	12.5	54.9	7.0
Greene	5,199,637	32.5	13.3	50.2	4.0
Greensville ⁴	9,657,954	28.1	10.8	51.3	9.8
Halifax	17,656,722	22.0	12.2	56.9	8.9
Hanover	31,755,034	44.2	12.2	40.9	2.7
Henrico ⁹	117,305,870	55.0	10.1	31.7	3.3
Henry	30,807,579	32.8	12.4	50.5	4.3
Highland	1,381,797	49.0	10.0	31.9	9.1
Isle of Wight	13,119,673	40.6	12.0	40.9	6.5
James City ⁵	NA	NA	NA	NA	NA
King and Queen	3,336,939	38.4	13.6	39.2	6.9
King George	7,859,863	37.7	10.2	45.7	6.4
King William ⁶	7,774,979	45.2	8.4	41.1	5.2
Lancaster	4,708,346	45.1	10.7	36.4	7.8
Lee	16,479,164	17.5	12.6	56.7	13.2
Loudoun	53,010,456	61.4	8.7	27.6	2.4
Louisa	11,408,287	57.4	12.0	23.8	6.8
Lunenburg	6,644,220	26.0	11.7	53.7	8.5
Madison	5,896,165	40.2	12.0	41.8	6.1
Mathews	3,969,650	45.2	11.7	38.5	4.5
Mecklenburg	15,256,146	24.5	12.3	55.0	8.2
Middlesex	3,790,574	48.0	11.3	33.6	7.1
Montgomery ⁹	28,742,609	39.1	11.6	44.7	4.6
Nelson	7,221,023	40.5	10.7	40.4	8.4
New Kent	5,937,049	41.3	13.2	41.0	4.4
Northampton ⁷	8,621,802	30.6	12.5	47.7	9.2
Northumberland	4,528,522	48.7	11.2	32.7	7.4
Nottoway	7,654,985	21.2	12.7	52.0	14.1

CONTINUED ➡

TABLE 5.18

Total Local Expenditures for Public School Operations
and Sources of Financial Support for Expenditures for
Virginia's Counties and Cities: 1986-87, *CONTINUED*

	Total Expenditures for Operations	Source of Support			
		Local	State Retail Sales & Use Tax	State	Federal
Orange	12,046,592	39.1	10.6	43.2	7.0
Page	9,643,433	26.3	12.9	54.3	6.4
Patrick	8,853,224	26.5	12.5	54.9	6.2
Pittsylvania	32,428,814	17.7	13.5	60.6	8.2
Powhatan	6,386,014	31.4	12.9	50.0	5.7
Prince Edward	7,423,181	30.8	14.3	45.1	9.9
Prince George ⁹	17,446,571	23.7	10.7	49.4	16.3
Prince William ⁹	144,901,285	50.3	9.8	36.9	3.0
Pulaski	19,417,321	26.3	12.4	55.1	6.1
Rappahannock	3,217,361	50.1	10.7	32.9	6.3
Richmond	3,757,259	32.9	11.4	48.1	7.6
Roanoke	55,010,807	51.7	9.1	36.8	2.4
Rockbridge	8,864,457	36.9	11.3	45.7	6.1
Rockingham	29,395,411	37.5	12.0	46.5	3.9
Russell	18,429,465	26.8	11.3	55.0	6.8
Scott	13,409,262	17.3	12.2	60.8	9.7
Shenandoah	16,113,138	42.8	10.8	41.6	4.8
Smyth ⁹	17,597,651	18.8	12.8	60.9	7.5
Southampton	8,364,686	32.7	13.9	41.1	12.2
Spotsylvania	26,782,260	29.5	12.6	53.9	4.0
Stafford	34,199,836	35.9	11.0	48.6	4.5
Surry	5,206,968	68.4	7.2	17.5	7.0
Sussex	6,077,835	32.1	14.1	41.9	11.9
Tazewell	28,933,655	24.1	12.0	56.6	7.2
Warren	12,198,174	34.4	13.1	45.3	7.3
Washington	23,253,460	22.0	13.4	56.9	7.7
Westmoreland ⁸	8,497,048	41.0	10.5	40.5	8.0
Wise	29,676,160	25.9	11.7	54.1	8.2
Wythe	13,865,272	23.2	13.1	56.2	7.5
York	29,928,329	23.2	9.8	43.2	23.8
Cities					
Alexandria ⁹	62,851,533	74.9	6.8	14.4	3.8
Bedford ²	NA	NA	NA	NA	NA
Bristol ⁹	10,516,573	41.2	10.4	42.0	6.4
Buena Vista	3,867,011	26.9	11.6	56.6	4.9
Charlottesville ⁹	25,034,529	67.1	6.9	22.0	4.0
Chesapeake ⁹	86,139,650	36.8	10.6	46.8	5.8
Clifton Forge ¹	NA	NA	NA	NA	NA
Colonial Heights	10,059,625	47.8	10.1	39.2	2.9
Covington	4,442,296	47.4	9.7	37.6	5.4
Danville ⁹	23,434,080	34.7	12.5	45.0	7.8
Emporia ⁴	NA	NA	NA	NA	NA
Fairfax	11,096,567	81.4	10.0	8.4	0.2
Falls Church	7,125,317	79.7	6.1	12.8	1.4
Franklin	6,103,964	32.7	8.0	51.9	7.3
Fredericksburg ⁹	9,014,277	59.9	9.9	25.3	5.0
Galax	3,755,183	43.8	9.2	40.0	7.1
Hampton ⁹	73,560,348	41.9	10.2	40.5	7.4
Harrisonburg	10,999,646	60.1	8.9	27.2	3.8
Hopewell	15,037,010	41.9	9.8	42.5	5.7
Lexington	2,140,694	43.1	10.9	41.6	4.5

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**TABLE 5.18**

**Total Local Expenditures for Public School Operations
and Sources of Financial Support for Expenditures for
Virginia's Counties and Cities: 1986-87, *CONTINUED***

	Total Expenditures for Operations	Source of Support			
		Local	State Retail Sales & Use Tax	State	Federal
Lynchburg ⁹	34,307,848	46.0	10.6	38.0	5.3
Manassas	15,533,308	60.3	7.8	29.7	2.3
Manassas Park	4,306,487	28.3	12.6	54.3	4.8
Martinsville	10,993,028	43.6	9.0	41.6	5.9
Newport News ⁹	98,433,517	41.8	10.9	39.0	8.3
Norfolk ⁹	148,317,530	44.4	9.9	34.7	11.1
Norton	3,251,597	36.2	11.8	43.8	8.3
Petersburg ⁹	22,529,848	37.0	10.5	42.1	10.5
Poquoson	6,746,211	28.5	11.3	54.4	5.8
Portsmouth	64,957,889	32.9	10.0	46.3	10.8
Radford	5,795,275	44.4	10.1	40.6	4.9
Richmond ⁹	140,904,158	58.0	9.3	24.0	8.7
Roanoke ⁹	53,264,736	43.5	13.7	35.0	7.8
Salem	13,097,002	51.5	9.8	35.2	3.5
South Boston	3,768,621	27.3	12.4	53.4	6.9
Staunton ⁹	9,519,213	43.1	11.2	40.8	4.9
Suffolk	29,676,452	33.5	12.7	44.6	9.3
Virginia Beach ⁹	180,180,297	33.0	13.3	45.5	8.3
Waynesboro	9,357,566	48.6	11.2	36.5	3.7
Williamsburg ^{5, 9}	20,981,779	54.0	9.2	33.6	3.1
Winchester	12,263,249	53.7	8.8	32.5	5.0
MSAs					
Bristol (Va. portion)	47,179,295	24.9	12.4	54.7	8.0
Charlottesville	73,244,466	57.9	8.3	30.0	3.8
Danville	55,862,894	24.8	13.1	54.1	8.0
Lynchburg	73,735,906	36.6	12.1	46.3	5.0
Norfolk	753,696,198	37.8	11.1	41.9	9.2
Northern Virginia	1,021,484,614	65.7	8.1	23.1	3.1
Richmond	518,492,209	48.7	10.1	35.6	5.5
Roanoke	134,541,175	46.7	11.2	37.3	4.8
Planning Districts					
LENOWISCO	62,816,183	22.4	12.1	55.7	9.8
Cumberland Plateau	88,198,474	29.8	11.3	51.6	7.3
Mount Rogers	93,830,924	24.9	12.5	55.2	7.5
New River Valley	69,679,943	34.1	11.8	48.6	5.5
Fifth	153,985,590	45.7	11.0	38.2	5.1
Central Shenandoah	112,279,618	41.7	10.6	43.0	4.6
Lord Fairfax	78,327,151	40.0	11.4	43.4	5.2
Northern Virginia	987,284,778	66.7	8.0	22.2	3.0
Rappahannock-Rapidan	61,482,678	45.8	10.8	37.8	5.7
Thomas Jefferson	91,873,776	56.4	9.0	30.1	4.5
Central Virginia	104,333,362	35.6	12.2	47.3	4.8
West Piedmont	124,909,587	29.0	12.3	52.3	6.4
Southside	45,376,374	23.9	12.4	54.9	8.8
Piedmont	44,221,721	25.4	13.0	50.7	10.9
Richmond Regional	439,788,269	51.0	10.1	34.0	4.9

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TABLE 5.18
Total Local Expenditures for Public School Operations
and Sources of Financial Support for Expenditures for
Virginia's Counties and Cities: 1986-87, *CONTINUED*

	Total Expenditures for Operations	Source of Support			
		Local	State Retail Sales & Use Tax	State	Federal
RADCO	89,588,024	36.2	11.4	47.5	4.9
Northern Neck	21,491,175	42.1	10.9	39.3	7.8
Middle Peninsula	39,054,883	39.9	11.1	42.3	6.7
Crater	99,646,697	36.7	10.3	43.8	9.3
Southeastern Virginia	536,860,141	36.9	11.4	42.6	9.0
Peninsula	229,650,184	40.1	10.4	40.0	9.5
Accomack-Norhampton	25,118,816	33.0	11.1	45.7	10.3

SOURCE: Commonwealth of Virginia, Department of Education. *Facing Up-22*. Richmond, Virginia, annual.

NOTES: Operations include regular day school, school food services, summer school, adult education, and other educational programs, but do not include capital outlay, debt service, and refunds.
 "Source of Support" shown in percentages.
 "State Retail Sales and Use Tax." Sales tax amount for the fiscal year is determined by month of receipt, not month of collection.
 "State" shows state contributions for Social Security, Virginia Supplemental Retirement System, and Group Life Insurance which are included in the expenditures for operations for local school divisions.
¹Clifton Forge City included with Alleghany County.
²Bedford City included with Bedford County.
³Data for Grayson County include Fries town.
⁴Emporia City included with Greensville County.
⁵James City County included with Williamsburg City.
⁶Data for King William County include West Point town.
⁷Data for Northampton County include Cape Charles town.
⁸Data for Westmoreland County include Colonial Beach town.
⁹Data include expenditures made by the local school divisions on behalf of state operated education programs (hospitals, clinics, and detention homes) located within the local school divisions.
 NA—Not available.
 A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
 A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 5.19
Years of School Completed for the U.S.,
Virginia, and Surrounding States: 1970-1985

	Years of School Completed, Percent Completing:							
	At Least 4 Years of High School				At Least 4 Years of College			
	1985	1983	1980	1970	1985	1983	1980	1970
United States	73.9%	72.1%	66.5%	52.3%	19.4%	18.8%	16.3%	10.7%
Virginia	72.2	71.2	62.4	47.6	23.1	23.2	19.2	12.3
Delaware	NA	NA	68.6	54.6	NA	NA	16.3	13.2
District of Columbia	NA	NA	67.1	55.2	NA	NA	28.1	17.7
Florida	72.2	71.0	66.7	52.5	16.6	16.2	14.7	10.3
Georgia	66.9	65.5	56.4	40.6	17.0	16.5	15.3	9.2

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TABLE 5.19
Years of School Completed for the U.S., Virginia,
and Surrounding States: 1970–1985, *CONTINUED*

	Years of School Completed, Percent Completing:							
	At Least 4 Years of High School				At Least 4 Years of College			
	1985	1983	1980	1970	1985	1983	1980	1970
Kentucky	NA	NA	53.1	38.5	NA	NA	11.0	7.2
Maryland	NA	NA	67.4	52.3	NA	NA	19.8	13.9
North Carolina	67.6	64.2	54.8	38.5	17.2	16.8	13.4	8.5
South Carolina	NA	NA	53.7	37.8	NA	NA	14.2	9.0
Tennessee	NA	NA	56.2	41.7	NA	NA	11.9	7.9
West Virginia	NA	NA	56.0	41.6	NA	NA	10.5	6.8

SOURCES U.S. Department of Commerce, Bureau of the Census, Current Population Reports, Series P-20. *Educational Attainment in the United States: March 1982 to 1985*. U.S. Government Printing Office, Washington, D.C., 1987; U.S. Department of Commerce, Bureau of the Census. *State and Metropolitan Area Data Book 1986*. U.S. Government Printing Office, Washington, D.C., 1986.

NOTES: Persons 25 years old and over.
 NA—Not available.

TABLE 5.20
Years of School Completed by Age, Race, and Sex, Virginia: 1985

	Total Persons	Median School Years Completed	Less Than 5 Years	Percent by Years of School Completed		
				4 Years of High School Or More		
				Total	College, 1 Year Or More	College, 4 Years Or More
Total, 15 years old and over	4,361	12.6	2.5%	69.5%	35.8%	19.6%
15 to 19 years old	387	10.6	...	26.8	4.4	...
20 to 24 years old	465	12.8	0.6	84.1	43.6	9.2
25 to 34 years old	990	12.9	...	86.5	46.9	26.9
35 to 44 years old	831	13.0	1.3	81.8	49.6	30.4
45 to 54 years old	584	12.6	2.4	73.1	32.8	21.8
55 to 64 years old	540	12.3	5.7	60.5	29.1	18.0
65 years old and over	563	10.6	8.7	43.8	20.9	12.1
Total, 25 years old and over	3,509	12.7	3.0	72.2	38.2	23.1
Male	1,638	12.7	4.5	72.8	41.6	26.2
Female	1,871	12.6	1.7	71.7	35.4	20.3
White	2,809	12.7	2.2	75.4	40.4	24.7
Black	645	12.3	6.8	57.6	28.2	14.7

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Reports, Series P-20. *Educational Attainment in the United States: March 1982 to 1985*. U.S. Government Printing Office, Washington, D.C., 1987.

NOTES: Data are for March, 1985 and are estimates.
 "Total Persons" in thousands.

TABLE 5.21

Years of School Completed by the Population Age 25
and Over in Virginia's Counties and Cities: 1980

	Elementary	High School		College			Percent High School Graduates
		1-3 Years	4 Years	1-3 Years	4 Years	5+ Years	
Virginia	677,968	499,039	889,682	468,124	314,579	283,490	62.43%
Counties							
Accomack	6,422	5,143	4,682	1,828	1,051	529	41.16
Albemarle	5,634	3,555	6,910	4,547	4,500	5,549	70.06
Alleghany	2,505	1,766	2,596	953	455	261	49.96
Amelia	1,912	1,039	1,270	403	193	156	40.66
Amherst	6,553	3,396	3,925	1,839	863	710	42.44
Appomattox	2,460	1,574	1,847	713	374	144	43.28
Arlington	6,949	7,279	25,992	20,985	19,696	25,578	86.64
Augusta	8,786	7,008	9,697	3,954	2,006	1,144	51.54
Bath	1,384	544	1,083	345	217	106	47.59
Bedford	6,805	3,862	6,054	2,468	1,275	928	50.14
Bland	1,349	738	1,158	484	155	49	46.94
Botetourt	3,822	2,266	4,849	1,895	1,047	515	57.70
Brunswick	3,566	2,240	1,705	763	429	285	35.40
Buchanan	10,101	2,996	4,559	1,001	609	390	33.37
Buckingham	2,943	1,468	1,505	489	266	194	35.75
Campbell	7,531	5,423	7,539	3,315	1,537	1,010	50.85
Caroline	3,259	2,506	2,928	758	407	228	42.84
Carroll	7,900	2,818	4,064	1,301	577	417	37.24
Charles City	1,237	893	958	273	186	121	41.93
Charlotte	3,126	1,543	1,608	518	360	125	35.87
Chesterfield	9,726	11,774	24,966	14,587	11,629	6,982	73.01
Clarke	1,727	994	1,854	801	555	445	57.32
Craig	767	483	838	194	107	100	49.78
Culpeper	4,253	2,492	3,749	1,482	902	635	50.09
Cumberland	1,758	999	1,112	349	182	147	39.37
Dickenson	5,528	1,719	2,599	559	295	197	33.50
Dinwiddie	5,197	2,777	3,256	1,155	575	305	39.89
Essex	1,798	1,135	1,244	633	355	304	46.37
Fairfax	18,132	22,851	92,825	73,649	68,367	80,496	88.50
Fauquier	5,261	3,076	6,488	2,944	2,020	1,236	60.35
Floyd	3,073	1,317	1,714	675	391	165	40.15
Fluvanna	1,918	995	1,851	594	341	340	51.76
Franklin	7,992	3,405	5,977	2,023	860	686	45.58
Frederick	5,801	3,443	6,623	2,020	1,164	798	53.43
Giles	3,240	1,949	3,842	1,129	481	311	52.62
Gloucester	3,147	2,284	3,684	1,632	936	697	56.13
Goochland	2,254	1,569	1,750	684	541	426	47.08
Grayson	4,446	1,990	2,592	887	355	154	38.26
Greene	1,609	696	1,364	395	279	193	49.20
Greensville	2,838	1,204	1,242	424	229	80	32.82
Halifax	7,653	4,022	4,482	1,246	581	344	36.30
Hanover	5,725	6,366	9,701	4,494	2,342	1,398	59.73
Henrico	14,324	20,044	34,952	19,282	14,062	9,264	69.29
Henry	12,615	6,460	9,500	3,054	1,307	793	43.45
Highland	589	300	601	245	127	40	53.26
Isle of Wight	3,915	2,650	3,471	1,413	697	480	48.00
James City	2,507	2,327	3,810	1,729	1,527	1,640	64.30
King and Queen	1,306	807	1,023	266	176	102	42.58
King George	1,344	875	1,958	692	615	540	63.16
King William	1,548	1,088	1,612	641	462	232	52.79
Lancaster	2,014	1,391	1,653	855	607	379	50.65
Lee	7,698	2,372	3,214	1,087	619	333	34.28

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TABLE 5.21

Years of School Completed by the Population Age 25 and Over
in Virginia's School Counties and Cities: 1980, *CONTINUED*

	Elementary	High School		College			Percent High School Graduates
		1-3 Years	4 Years	1-3 Years	4 Years	5+ Years	
Loudoun	4,628	3,540	11,219	5,944	4,541	3,232	75.33
Louisa	3,804	2,448	2,741	834	415	345	40.95
Lunenburg	2,780	1,699	1,774	638	294	205	39.39
Madison	2,515	890	1,707	509	340	279	45.43
Mathews	1,397	1,135	1,637	732	278	298	53.77
Mecklenburg	6,196	4,470	4,056	1,841	1,010	529	41.08
Middlesex	1,572	1,020	1,286	779	375	176	50.23
Montgomery	6,961	3,997	6,321	3,797	2,858	4,868	61.95
Nelson	3,310	1,518	1,346	667	345	427	36.58
New Kent	1,241	1,108	1,717	670	211	264	54.92
Northampton	3,295	2,078	1,822	974	408	370	39.95
Northumberland	2,056	1,493	1,590	838	431	272	46.87
Nottoway	3,599	2,022	1,852	914	516	291	38.86
Orange	3,394	2,093	3,090	1,232	738	505	50.35
Page	4,660	2,432	3,289	888	478	250	40.89
Patrick	4,795	1,810	2,920	796	418	237	39.82
Pittsylvania	15,795	8,463	9,168	3,360	1,286	932	37.81
Powhatan	2,044	1,629	2,482	854	437	242	52.22
Prince Edward	2,860	1,652	1,797	869	595	683	46.64
Prince George	2,004	2,013	4,463	2,217	1,146	688	67.94
Prince William	6,218	7,326	29,493	14,662	9,338	7,809	81.90
Pulaski	7,131	4,204	5,339	2,718	1,066	810	46.70
Rappahannock	1,533	533	1,003	372	217	216	46.67
Richmond	1,663	831	969	500	252	145	42.80
Roanoke	7,377	6,169	14,972	8,695	4,996	2,986	70.03
Rockbridge	3,853	1,834	2,998	977	741	618	48.40
Rockingham	10,005	5,509	10,179	3,420	2,139	1,733	52.97
Russell	7,924	3,257	4,440	1,646	677	403	39.06
Scott	7,456	2,361	4,012	902	475	291	36.65
Shenandoah	5,510	3,243	5,649	1,513	923	639	49.92
Smyth	8,152	4,677	4,214	1,961	942	560	37.44
Southampton	4,425	2,212	1,948	1,270	662	289	38.58
Spotsylvania	4,139	3,764	5,937	2,625	1,457	992	58.22
Stafford	3,997	3,729	8,068	3,046	1,944	1,390	65.16
Surry	1,305	806	721	408	149	102	39.53
Sussex	2,849	1,148	1,321	523	301	215	37.12
Tazewell	11,137	5,281	7,504	3,110	1,232	984	43.87
Warren	3,730	2,299	4,448	1,407	697	537	54.04
Washington	9,806	5,705	6,244	3,388	1,655	1,058	44.32
Westmoreland	3,282	1,613	2,369	777	473	304	44.49
Wise	10,799	3,814	6,143	2,079	986	872	40.82
Wythe	5,451	3,059	3,880	1,833	810	520	45.28
York	1,902	2,793	6,757	3,858	2,226	2,000	75.97
Cities							
Alexandria	6,040	5,948	16,329	13,350	13,158	15,727	83.01
Bedford	1,243	682	1,194	410	349	186	52.63
Bristol	3,800	2,038	3,040	1,871	750	411	50.98
Buena Vista	1,513	725	1,075	359	170	109	43.36
Charlottesville	4,297	3,373	4,696	2,824	2,468	4,341	65.13
Chesapeake	12,189	12,819	21,700	9,641	4,513	2,809	60.72
Clifton Forge	876	693	977	431	218	123	52.71
Colonial Heights	1,558	1,812	3,530	1,661	855	793	66.99
Covington	1,720	1,284	1,898	636	185	114	48.54
Danville	9,421	5,866	7,017	3,752	1,800	1,257	47.49

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TABLE 5.21

Years of School Completed by the Population Age 25 and Over
in Virginia's Counties and Cities: 1980, *CONTINUED*

	Elementary	High School		College			Percent High School Graduates
		1-3 Years	4 Years	1-3 Years	4 Years	5+ Years	
Emporia	1,285	714	509	348	146	99	35.54
Fairfax	648	1,002	3,583	2,413	1,901	1,948	85.65
Falls Church	396	542	1,560	1,223	1,313	1,724	86.12
Franklin	1,534	973	772	549	292	173	41.60
Fredericksburg	1,845	1,740	2,118	1,184	1,004	963	59.51
Galax	1,941	736	943	386	161	166	38.22
Hampton	9,867	11,959	22,602	12,354	5,603	4,737	67.48
Harrisonburg	2,054	1,247	2,281	1,351	1,007	1,094	63.46
Hopewell	3,386	2,755	4,592	1,522	774	569	54.84
Lexington	781	326	849	465	424	552	67.41
Lynchburg	9,226	7,085	9,966	5,952	4,212	3,217	58.87
Manassas	894	871	3,214	1,501	1,154	847	79.19
Manassas Park	577	700	1,360	319	75	92	59.11
Martinsville	3,342	2,140	2,824	1,603	1,124	629	52.99
Newport News	12,860	13,703	27,414	13,538	7,585	5,513	67.05
Norfolk	25,114	27,185	45,650	21,678	9,372	7,686	61.74
Norton	1,053	458	742	260	177	116	46.15
Petersburg	7,299	4,594	5,835	3,340	1,808	1,263	50.73
Poquoson	712	849	1,571	862	584	450	68.95
Portsmouth	14,072	13,245	17,433	9,407	3,377	2,597	54.57
Radford	1,411	928	1,253	1,145	500	777	61.11
Richmond	30,537	27,489	30,872	19,682	14,362	12,408	57.13
Roanoke	15,545	11,609	19,367	9,315	4,881	3,127	57.47
Salem	3,401	2,429	4,808	2,089	1,400	906	61.22
South Boston	1,378	918	1,045	569	401	203	49.14
Staunton	3,338	2,558	3,727	2,134	1,369	948	58.11
Suffolk	9,181	5,774	6,964	3,384	1,831	953	46.75
Virginia Beach	11,102	17,137	51,992	29,265	19,094	12,458	79.98
Waynesboro	2,184	1,810	2,750	1,248	1,024	579	58.37
Williamsburg	407	480	731	734	734	856	77.50
Winchester	3,445	2,255	3,538	1,674	1,057	721	55.08
MSAs							
Bristol (Va. portion)	21,062	10,104	13,296	6,161	2,880	1,760	43.60
Charlottesville	13,457	8,619	14,821	8,360	7,588	10,423	65.11
Danville	25,216	14,329	16,185	7,112	3,086	2,189	41.95
Lynchburg	23,310	15,904	21,430	11,106	6,612	4,937	52.92
Norfolk	103,060	110,555	210,308	108,082	57,382	42,396	66.19
Northern Virginia	48,479	53,788	193,643	137,092	121,487	138,843	85.25
Richmond	86,532	84,823	129,074	70,421	48,928	34,723	62.30
Roanoke	30,145	22,473	43,996	21,994	12,324	7,536	62.00
Planning Districts							
LENOWISCO	27,006	9,005	14,111	4,328	2,257	1,612	38.25
Cumberland Plateau	34,690	13,253	19,102	6,316	2,813	1,974	38.65
Mount Rogers	42,845	21,761	26,135	12,111	5,405	3,335	42.11
New River Valley	21,816	12,395	18,469	9,464	5,296	6,931	54.00
Fifth	36,013	26,699	50,305	24,208	13,289	8,134	60.47
Central Shenandoah	34,487	21,861	35,240	14,498	9,224	6,923	53.90
Lord Fairfax	24,873	14,666	25,401	8,303	4,874	3,390	51.49
Northern Virginia	44,482	50,059	185,575	134,046	119,543	137,453	85.91
Rappahannock-Rapidan	16,956	9,084	16,037	6,539	4,217	2,871	53.25
Thomas Jefferson	20,571	12,585	18,908	9,861	8,348	11,195	59.30
Central Virginia	33,818	22,022	30,525	14,697	8,610	6,195	51.81
West Piedmont	53,960	28,144	37,406	14,588	6,795	4,534	43.54
Southside	18,793	11,650	11,288	4,419	2,421	1,361	39.03

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**TABLE 5.21**

Years of School Completed by the Population Age 25 and Over in Virginia's Counties and Cities: 1980, *CONTINUED*

	Elementary	High School		College			Percent High School Graduates
		1-3 Years	4 Years	1-3 Years	4 Years	5+ Years	
Piedmont	18,978	10,422	10,918	4,180	2,406	1,801	39.64
Richmond Regional	67,088	70,872	107,398	60,526	43,770	31,105	63.77
RADCO	14,584	12,614	21,009	8,305	5,427	4,113	58.82
Northern Neck	9,015	5,328	6,581	2,970	1,763	1,100	46.40
Middle Peninsula	10,768	7,469	10,486	4,683	2,582	1,809	51.75
Crater	27,721	17,823	25,469	11,598	5,983	4,114	50.87
Southeastern Virginia	81,532	81,995	149,930	76,607	39,838	27,445	64.24
Peninsula	28,255	32,111	62,885	33,075	18,259	15,196	68.19
Accomack-Norhampton	9,717	7,221	6,504	2,802	1,459	899	40.78

SOURCE: U.S. Department of Commerce, Bureau of the Census. *General Social and Economic Characteristics, Virginia*. U.S., Government Printing Office, Washington, D.C., 1983.

NOTES: A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 5.22

Number of Institutions of Higher Education in the U.S., Virginia, and Surrounding States: 1985-86

	All Institutions			Universities		Other 4-Year Institutions		2-Year Institutions	
	Total	Public	Private	Public	Private	Public	Private	Public	Private
United States	3,340	1,498	1,842	94	62	472	1,401	932	379
Virginia	72	39	33	3	...	12	30	24	3
Delaware	8	5	3	1	...	1	3	3	...
District of Columbia	19	2	17	...	5	2	12	...	...
Florida	87	37	50	2	1	7	37	28	12
Georgia	80	34	46	1	1	17	30	16	15
Kentucky	45	9	36	2	...	6	21	1	15
Maryland	56	32	24	1	1	12	21	19	2
North Carolina	128	74	54	2	2	14	34	58	18
South Carolina	63	33	30	2	...	10	20	21	10
Tennessee	80	24	56	1	1	9	40	14	15
West Virginia	29	16	13	1	...	11	9	4	4

SOURCE: U.S. Department of Education, National Center for Education Statistics. *Digest of Education Statistics 1987*. U.S. Government Printing Office, Washington, D.C., annual.

TABLE 5.23
Enrollment in Institutions of Higher Education for the U.S.,
Virginia, and Surrounding States: 1980-81 to 1984-85

	1984-1985		1983-1984		1981-1982		1980-1981	
	Public	Private	Public	Private	Public	Private	Public	Private
United States	9,479	2,768	6,881.5	2,284.9	6,781.3	2,233.2	6,642.3	2,176.7
Virginia	251	42	172.9	33.7	178.9	31.6	168.4	31.2
Delaware	28	4	22.7	2.6	23.1	2.4	23.0	3.2
District of Columbia	13	66	8.0	52.4	7.6	56.9	7.3	54.8
Florida	362	89	236.0	71.6	230.5	68.4	225.8	64.8
Georgia	149	47	123.4	42.7	117.3	41.1	112.0	40.4
Kentucky	111	31	88.9	26.2	90.0	24.6	89.4	24.3
Maryland	199	33	132.4	24.1	127.6	23.5	126.8	22.4
North Carolina	267	60	189.1	55.0	184.9	56.0	179.2	56.0
South Carolina	106	26	86.2	25.6	87.4	21.4	86.6	22.7
Tennessee	148	47	119.1	45.0	115.8	44.0	116.7	44.3
West Virginia	67	10	53.8	9.1	51.9	9.2	51.3	9.1

SOURCES: U.S. Department of Commerce, Bureau of the Census. *State and Metropolitan Area Data Book 1986*. U.S. Government Printing Office, Washington, D.C., 1986; U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1988*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In thousands. Data for 1984-85 are for resident and extension students attending full-time or part-time; data for earlier years are for full-time equivalent enrollment.

TABLE 5.24
Enrollment by Race in Institutions of Higher Education
for the U.S., Virginia, and Surrounding States: 1984

	Minority Enrollment							
	Total	White	Total	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaskan Native	Non- Resident Alien
United States ¹	12,162	9,767	2,063	1,070	529	382	83	332
Virginia	283,765	229,861	48,080	38,903	2,713	5,874	590	4,824
Delaware	31,873	27,391	3,963	3,256	300	366	41	519
District of Columbia	79,750	42,112	27,229	23,418	1,785	1,914	11	10,409
Florida	443,778	337,396	91,416	40,400	44,491	5,570	955	14,966
Georgia	196,318	150,269	41,047	36,852	1,804	2,058	333	5,002
Kentucky	141,935	127,839	12,263	10,693	540	720	310	1,833
Maryland	234,305	179,979	49,354	38,120	3,251	7,360	623	4,972
North Carolina	309,227	241,456	62,580	55,597	1,745	2,950	2,288	5,191
South Carolina	126,873	97,125	27,675	26,027	718	746	184	2,073
Tennessee	200,476	165,107	30,909	28,439	930	1,194	346	4,460
West Virginia	79,008	73,754	4,069	3,128	265	565	111	1,185

SOURCE: U.S. Department of Education, National Center for Education Statistics. *Digest of Education Statistics 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: ¹Enrollment data for the United States in thousands.



TABLE 5.25
Enrollment in Virginia's Schools of Higher Education, 1986-1988

Institution	1988		1987		1986	
	Total	Full-time	Total	Full-time	Total	Full-time
Public Four-Year Institutions						
Christopher Newport College	4,647	2,385	4,411	2,052	4,089	1,857
Clinch Valley College	1,688	983	1,463	867	1,354	812
George Mason University	18,965	9,995	18,112	9,433	17,652	8,990
James Madison University	10,906	9,432	10,519	8,989	10,381	8,653
Longwood College	3,042	2,722	3,126	2,747	2,884	2,560
Mary Washington College	3,427	2,728	3,352	2,632	3,225	2,492
Norfolk State University	8,123	6,499	7,721	6,075	7,458	6,003
Old Dominion University	16,364	10,618	15,640	9,999	15,463	9,780
Radford University	8,764	7,763	8,122	7,101	7,652	6,293
University of Virginia	20,802	16,323	21,268	16,092	21,615	16,150
Virginia Commonwealth University	20,645	12,688	20,485	12,284	19,641	11,664
Virginia Military Institute	1,285	1,285	1,310	1,310	1,304	1,304
Virginia Polytechnic Institute and State University	24,280	20,916	24,977	21,392	24,637	21,078
Virginia State University	3,855	2,965	3,891	2,938	3,583	2,695
The College of William and Mary	7,372	6,368	7,192	6,239	7,008	6,028
Public Two-Year Institutions						
Richard Bland College	1,015	699	908	570	888	495
Virginia Community College System						
Blue Ridge	2,483	693	2,449	633	2,378	544
Central Virginia	3,721	925	3,653	867	3,862	879
Dabney S. Lancaster	1,277	521	1,462	484	1,298	503
Danville	2,680	942	2,266	827	1,947	745
Eastern Shore	456	150	442	158	446	153
Germanna	2,250	519	2,225	502	2,142	405
J. Sargeant Reynolds	9,747	2,306	10,616	1,996	10,594	1,901
John Tyler	4,243	736	4,996	792	4,389	778
Lord Fairfax	2,473	598	2,255	475	2,205	467
Mountain Empire	2,350	961	2,509	1,039	2,746	953
New River	3,044	1,270	3,419	1,193	3,076	1,092
Northern Virginia	31,896	7,473	34,884	7,808	33,682	7,100
Patrick Henry	1,726	578	1,816	524	1,785	501
Paul D. Camp	966	174	1,125	268	1,112	296
Piedmont Virginia	4,353	804	4,291	802	4,104	676
Rappahannock	1,559	306	1,878	336	1,433	311
Southside Virginia	2,416	828	2,319	743	1,765	605
Southwest Virginia	4,082	1,529	5,250	1,529	5,379	1,407
Thomas Nelson	6,640	1,524	6,956	1,610	6,396	1,410
Tidewater	16,557	4,146	16,818	4,168	15,531	3,635
Virginia Highlands	1,975	878	2,007	877	1,717	817
Virginia Western	6,755	1,611	7,590	1,553	6,894	1,472
Wytheville	1,843	721	1,860	703	1,973	629
Private Institutions						
Averett College	982	712	963	684	972	694
Bluefield College	366	322	344	281	355	291
Bridgewater College	970	922	874	841	813	766
CBN University	812	535	902	405	944	658
Christendom College	159	158	147	146	133	131
Community Hospital of Roanoke Valley College of Health Sciences	181	98	203	96	237	87
Eastern Mennonite College	1,049	957	961	884	903	838
Eastern Virginia Medical School, Medical College of Hampton Roads	448	387	430	387	396	355
Emory and Henry College	788	750	751	722	769	720
Ferrum College	1,206	1,145	1,132	1,057	1,272	1,214
Hampden-Sydney College	937	935	870	870	825	825

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TABLE 5.25
Enrollment in Virginia's Schools of Higher Education, 1986-1988, *CONTINUED*

Institution	1988		1987		1986	
	Total	Full-time	Total	Full-time	Total	Full-time
Hampton University	5,305	4,656	5,147	4,332	4,482	3,946
Hollins College	1,063	864	1,026	843	959	804
Institute of Textile Technology	35	35	31	31	28	28
Liberty University	10,902	5,615	7,356	4,995	6,353	4,877
Lynchburg College	2,447	1,734	2,319	1,628	2,188	1,489
Mary Baldwin College	1,186	955	1,110	836	993	793
Marymount College	2,977	1,404	2,842	1,242	2,408	1,046
National Business College	936	831	NE	NE	NE	NE
Notre Dame Pontifical Catechetical Institute	47	29	92	54	104	70
Presbyterian School of Christian Education	106	89	113	95	132	116
Protestant Episcopal Theological Seminary	221	177	NE	NE	192	169
Randolph-Macon College	1,117	1,105	1,052	1,034	1,013	994
Randolph-Macon Women's College	746	682	699	654	781	743
Roanoke College	1,594	1,402	1,530	1,303	1,527	1,262
Saint Paul's College	555	536	730	706	736	707
Shenandoah College and Conservatory	1,007	631	NE	NE	946	541
Southern Seminary Junior College	302	298	246	238	216	210
Sweet Briar College	587	569	598	581	663	643
Union Theological Seminary	186	186	210	210	239	239
University of Richmond	4,948	3,377	4,737	3,218	4,705	3,270
Virginia College	86	14	113	15	119	31
Virginia Intermont College	450	384	389	334	393	339
Virginia Seminary and College	30	3	NE	NE	40	3
Virginia Union University	1,248	1,170	NE	NE	1,108	1,046
Virginia Wesleyan College	1,261	1,028	1,203	968	1,116	895
Washington and Lee University	1,971	1,961	1,907	1,898	1,804	1,793
TOTAL Four year institutions	154,165	113,670	151,589	110,150	147,946	106,359
TOTAL Two year institutions	116,207	30,892	123,994	30,457	117,742	27,774
TOTAL Community colleges	115,192	30,193	123,086	29,887	116,854	27,279
TOTAL Public institutions	270,372	144,562	275,583	140,607	265,688	134,133
TOTAL Private institutions	49,211	36,656	41,027	31,588	40,937	32,700
TOTAL ALL INSTITUTIONS	319,583	181,218	316,610	172,195	306,625	166,833

SOURCE: Commonwealth of Virginia, State Council of Higher Education for Virginia. *FACT Book 1988-89, Higher Education in Virginia*. Richmond, Virginia, annual.

NOTES: Includes both on- and off-campus housing.
 NE—No entry.



TABLE 5.26
Average Salaries at Institutions of Higher Education for
the U.S., Virginia, and Surrounding States: 1985-86

	All Institutions			Public			Private		
	All	4- Year	2- Year	All	4- Year	2- Year	All	4- Year	2- Year
United States	\$32,392	\$33,269	\$29,259	\$32,750	\$34,033	\$29,590	\$31,402	\$31,732	\$19,436
Virginia	30,769	32,140	25,661	31,638	33,673	25,746	26,935	27,049	18,048
Delaware	32,134	33,076	26,493	32,718	33,824	26,493	21,309	21,309	...
District of Columbia	35,014	35,014	...	33,662	33,662	...	35,302	35,302	...
Florida	29,334	31,724	24,738	29,526	33,062	24,802	28,603	28,769	18,190
Georgia	30,378	31,141	25,526	31,356	32,323	26,272	27,175	27,690	18,769
Kentucky	27,324	28,253	21,644	28,359	29,488	22,238	23,248	23,787	17,181
Maryland	32,797	33,712	30,560	32,667	33,852	30,590	33,307	33,362	20,269
North Carolina	29,585	30,871	20,304	31,444	33,114	20,311	24,150	24,564	20,273
South Carolina	27,895	29,467	21,270	29,251	31,319	21,606	22,738	23,229	18,839
Tennessee	29,389	30,301	23,725	30,127	31,498	24,099	27,644	27,927	17,942
West Virginia	26,225	26,703	21,367	27,105	27,667	21,809	21,555	21,805	17,362

SOURCE: U.S. Department of Education, National Center for Education Statistics, Office of Educational Research and Improvement. OERI Bulletin CS-87-313B. *Instructional Faculty Salaries for Academic Year 1985-86*. Washington, D.C., annual.

NOTE: For full-time instructional faculty on nine month contracts.

TABLE 5.27
Faculty Tenure at State-Supported Institutions
of Higher Education: 1975-76 and 1988-89

Institution	1988-89			1975-76		
	Number of Faculty	Number Tenured	Percent Tenured	Number of Faculty	Number Tenured	Percent Tenured
Christopher Newport College	116	72	62.1%	92	43	46.7%
Clinch Valley College	46	28	60.9	50	16	32.0
College of William and Mary	393	273	69.5	325	200	61.5
George Mason University	612	350	57.2	276	97	35.1
James Madison University	477	315	66.0	335	161	48.1
Longwood College	146	91	62.3	148	92	62.2
Mary Washington College	159	99	62.3	126	75	59.5
Norfolk State University	311	156	50.2	358	171	47.8
Old Dominion University	595	359	60.3	514	247	48.1
Radford University	374	201	53.7	238	148	62.2
Richard Bland College	28	25	89.3	33	17	51.5
University of Virginia	968	639	66.0	754	449	59.5

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TABLE 5.27
Faculty Tenure at State-Supported Institutions of Higher Education: 1975-76 and 1988-89, *CONTINUED*

Institution	1988-89			1975-76		
	Number of Faculty	Number Tenured	Percent Tenured	Number of Faculty	Number Tenured	Percent Tenured
Virginia Commonwealth University ¹	823	498	60.5	824	313	38.0
Virginia Military Institute	95	60	63.2	94	69	73.4
Virginia Polytechnic Institute and State University	1,515	1,068	70.5	916	420	45.9
Virginia State University	176	85	48.3	226	97	42.9
All 2-Year Institutions ²	1,918	227	11.8	1,767	377	21.3

SOURCES: Commonwealth of Virginia, State Council of Higher Education for Virginia, *FACT Book 1988-89, Higher Education in Virginia*, Richmond, Virginia, annual; Commonwealth of Virginia, State Council of Higher Education for Virginia, *The Virginia Plan for Higher Education 1985*, Richmond, Virginia, annual.

NOTES: ¹Does not include MCV personnel.

²The Virginia Community College System replaced its tenure system for new hires in 1972 with a series of one, three, and five year contracts.

TABLE 5.28
Faculty Tenure at Selected Private Institutions of Higher Education: 1982-83 and 1988-89

Institution	1988-89			1982-83		
	Number of Faculty	Number Tenured	Percent Tenured	Number of Faculty	Number Tenured	Percent Tenured
Averett College	46	25	54.3%	51	25	49.0%
Bluefield College	23	11	47.8	22	...	...
Bridgewater College	55	34	61.8	52	44	84.6
Christendom College ¹	9	...	...	8	...	...
Community Hospital of Roanoke Valley	...	...	...	...	...	...
College of Health Sciences	21	...	...	NE	NE	...
Eastern Mennonite College	63	37	58.7	71	13	18.3
Emory and Henry College	54	31	57.4	50	38	76.0
Hampden-Sydney College	78	43	55.1	58	34	58.6
Hampton University	266	65	24.4	214	56	26.2
Hollins College	69	48	69.6	67	47	70.1
Institute of Textile Technology ²	28	...	...	23	...	...
Lynchburg College	132	86	65.2	111	86	77.5
Mary Baldwin College	70	22	31.4	57	27	47.4
Marymount University ¹	68	24	35.3	53	21	39.6
Presbyterian School of Christian Education	12	6	50.0	10	3	30.0
Protestant Episcopal Theological Seminary in Virginia	17	13	76.5	16	12	75.0
Randolph-Macon College	71	42	59.2	67	35	52.2
Randolph-Macon Woman's College	73	43	58.9	64	44	68.8
Roanoke College	81	54	66.7	72	43	59.7
Saint Paul's College ¹	40	19	47.5	35	21	60.0
Southern Seminary ²	18	...	...	19	...	...

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TABLE 5.28
Faculty Tenure at Selected Private Institutions of Higher Education: 1982-83 and 1988-89, *CONTINUED*

Institution	1988-89			1982-83		
	Number of Faculty	Number Tenured	Percent Tenured	Number of Faculty	Number Tenured	Percent Tenured
Sweet Briar College	66	48	72.7	69	44	63.8
Union Theological Seminary in Virginia	18	12	66.7	NE	NE	
University of Richmond	205	144	70.2	204	137	67.2
Virginia Wesleyan College	55	24	43.6	45	21	46.7
Washington and Lee University	148	115	77.7	132	109	82.6

SOURCES: Commonwealth of Virginia, State Council of Higher Education for Virginia, *FACT Book 1988-89, Higher Education in Virginia*, Richmond, Virginia, annual; Commonwealth of Virginia, State Council of Higher Education for Virginia, *The Virginia Plan for Higher Education: 1985*, Richmond, Virginia, annual.

NOTES: ¹Data for 1987-88.
²Does not grant tenure.
 NE—No entry in source document.

TABLE 5.29
Earned Degrees Conferred by Institutions of Higher Education for the U.S., Virginia, and Surrounding States: 1977-78 and 1983-84

	1983-1984				1977-1978			
	Bachelor's Degrees	First Prof. Degrees	Master's Degrees	Doctor's Degrees	Bachelor's Degrees	First Prof. Degrees	Master's Degrees	Doctor's Degrees
United States	974,309	74,407	264,263	33,209	921,204	66,581	311,620	32,131
Virginia	23,696	1,669	5,302	656	20,709	1,232	5,669	538
Delaware	3,324		570	3	2,997		495	75
District of Columbia	6,774	2,678	5,156	531	6,727	2,331	5,702	511
Florida	30,102	1,731	7,615	1,044	27,770	1,714	8,990	1,321
Georgia	17,741	1,831	6,289	595	16,351	1,263	7,539	563
Kentucky	11,717	1,219	3,620	279	11,226	1,303	4,976	242
Maryland	15,892	891	5,016	657	16,453	899	5,404	578
North Carolina	25,225	1,630	5,356	769	23,792	1,284	5,740	742
South Carolina	12,387	647	2,995	208	11,343	623	3,559	196
Tennessee	17,218	1,505	3,801	624	17,801	1,289	4,935	513
West Virginia	7,676	348	1,945	113	7,638	293	2,254	117

SOURCES: U.S. Department of Education, National Center for Education Statistics, Office of Educational Research and Improvement, *Digest of Education Statistics 1987*, U.S. Government Printing Office, Washington, D.C., annual; U.S. Department of Education, National Center for Education Statistics, Office of Educational Research and Improvement, *Earned Degrees Conferred 1977-78*, U.S. Government Printing Office, Washington, D.C., 1980.

TABLE 5.30
Degrees Conferred in Virginia's Schools of Higher Education, 1984-85

Field of Study	Bachelor's			Master's			Doctor's		
	Total	Public	Private	Total	Public	Private	Total	Public	Private
Total Number	23,958	18,671	5,287	5,208	4,523	685	631	614	17
	Percent			Percent			Percent		
Agriculture	2.0%	2.2%	1.5%	1.4%	1.7%	...	4.1%	4.2%	...
Business	22.8	22.3	24.5	21.9	18.4	45.5	2.5	2.6	...
Communications	3.1	2.8	4.1	0.4	0.5	...	...	...	...
Computer and Information sciences	3.9	4.6	1.1	2.6	3.0	...	1.1	1.1	...
Education	8.0	7.5	9.6	28.2	28.6	25.3	24.1	24.8	...
Engineering	8.4	10.8	0.1	7.5	8.6	...	14.3	14.7	...
Foreign languages	1.4	1.2	2.0	0.6	0.7	...	1.1	1.1	...
Health	5.5	6.0	3.9	7.8	8.1	5.8	1.6	1.6	...
Home economics	1.5	1.8	0.2	0.6	0.7	...	1.3	1.3	...
Letters	5.4	5.3	5.5	4.2	3.8	2.1	2.1	...	...
Life sciences	4.6	4.4	5.4	2.2	2.4	0.7	15.5	16.0	...
Mathematics	1.9	1.7	2.6	1.2	1.4	...	2.7	2.8	...
Philosophy, religion, and theology	1.4	0.7	3.9	2.0	0.2	14.3	3.2	0.5	100.0
Physical sciences	2.6	2.8	2.1	1.8	2.0	0.6	6.7	6.8	...
Psychology	4.9	4.4	6.8	3.0	3.2	1.5	9.2	9.4	...
Public affairs and protective services	2.1	2.2	1.6	4.9	5.7	...	1.4	1.5	...
Social sciences	13.4	12.3	17.2	3.6	4.1	0.4	8.2	8.5	...
Visual and performing arts	3.6	3.5	4.3	2.0	2.3	0.3	0.3	0.3	...
All other	3.5	3.4	3.7	4.1	4.5	1.8	0.6	0.7	...

SOURCE: U.S. Department of Education, National Center for Education Statistics, Office of Educational Research and Improvement. *State Higher Education Profiles: 1985*. U.S. Government Printing Office, Washington, D.C., annual.

TABLE 5.31
First-Professional Degrees Conferred in Virginia's Schools of Higher Education, 1984-85

Field of Study	Total	Public	Private
Total Number	1,651	1,127	524
	Percent	Percent	Percent
Chiropractic	...	...	...
Dentistry	6.2%	9.1%	...
Medicine, general	23.8	26.0	19.1%
Optometry	...	...	...
Osteopathic medicine	...	...	...
Pharmacy	...	...	...
Podiatry	...	...	...
Veterinary medicine	4.4	6.4	...
Law	56.1	58.5	51.0
Theological studies	9.2	...	29.0
Other	0.3	...	1.0

SOURCE: U.S. Department of Education, National Center for Education Statistics, Office of Educational Research and Improvement. *State Higher Education Profiles: 1985*. U.S. Government Printing Office, Washington, D.C., annual.



TABLE 5.32
Doctoral Scientists and Engineers for the
U.S., Virginia, and Surrounding States: 1985

	Total	Natural Scientists	Social Scientists	Engineers
United States	424.6	233.4	123.3	67.9
Virginia	12.1	6.1	3.5	2.4
Delaware	4.1	2.9	0.3	1.0
District of Columbia	12.4	5.4	6.0	1.1
Florida	9.7	4.9	3.5	1.3
Georgia	6.4	4.0	1.9	0.6
Kentucky	...	...	...	...
Maryland	15.4	10.2	3.4	1.8
North Carolina	9.5	6.0	2.6	0.9
South Carolina	...	...	...	...
Tennessee	6.9	3.8	2.0	1.0
West Virginia	...	...	...	...

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States, 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In thousands. Data limited to states with 4,000 or more scientists and engineers.

TABLE 5.33
Finances of Public Institutions of Higher Education
for the U.S., Virginia, and Surrounding States: 1988

	FTE Enrollment	Appropriations for Current Operations		Net Tuition Revenues	
		Total	Per FTE Student	Total	Per FTE Student
United States	7,189.4	\$29,138.6	\$4,053	\$8,986.3	\$1,250
Virginia	191.0	699.7	3,664	299.4	1,568
Delaware	21.8	92.7	4,244	72.1	3,301
District of Columbia	7.7	71.7	9,326	6.2	806
Florida	239.1	809.6	3,386	230.5	964
Georgia	127.0	588.2	4,631	175.0	1,378
Kentucky	96.7	342.2	3,539	123.0	1,272
Maryland	147.5	533.4	3,615	234.9	1,592
North Carolina	236.0	987.0	4,182	158.9	673
South Carolina	103.0	374.2	3,632	167.8	1,629
Tennessee	121.6	516.1	4,244	160.4	1,319
West Virginia	53.3	153.6	2,883	60.7	1,139

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "FTE Enrollment" in thousands. FTE (full-time equivalent). Credit and non-credit program enrollment including summer session. Excludes medical enrollments.
 "Appropriations for Current Operations" are state and local appropriations. Includes aid to students attending in-State public institutions. Excludes sums for research, agriculture stations and cooperative extension, and hospitals and medical schools.
 "Net Tuition Revenues" excludes appropriated aid to students attending in-State public institutions.
 "Net Tuition Revenues-Total" in millions of dollars.
 "Net Tuition Revenues-Per FTE Student" in dollars.

TABLE 5.34
Current Expenditures of Institutions of Higher Education for the
U.S., Virginia, and Surrounding States: 1979-80 to 1983-84

	1983-84		1982-83		1979-80	
	Public	Private	Public	Private	Public	Private
United States	\$53,087	\$28,907	\$49,573	\$26,363	\$37,768	\$19,146
Virginia	1,465	320	1,368	290	1,018	211
Delaware	191	13	181	12	141	13
District of Columbia	84	1,115	78	1,033	60	735
Florida	1,498	615	1,367	558	1,054	394
Georgia	1,055	563	921	510	669	338
Kentucky	806	156	742	147	605	108
Maryland	902	719	887	648	704	476
North Carolina	1,439	721	1,285	673	989	531
South Carolina	743	174	684	138	554	122
Tennessee	839	577	782	532	582	395
West Virginia	405	67	365	63	299	54

SOURCE: U.S. Department of Education, National Center for Education Statistics. *Digest of Education Statistics 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In millions of dollars.

TABLE 5.35
Current-Fund Revenue of Institutions of Higher Education for
the U.S., Virginia, and Surrounding States: 1979-80 to 1983-84

	1983-84		1982-83		1979-80	
	Public	Private	Public	Private	Public	Private
United States	\$54,545.3	\$29,872.0	\$50,412.1	\$27,183.6	\$38,824.2	\$19,695.8
Virginia	1,477.9	334.3	1,387.4	300.8	1,051.5	215.1
Delaware	209.0	13.4	197.5	12.8	149.9	13.6
District of Columbia	82.8	1,183.7	77.4	1,063.5	61.0	752.9
Florida	1,516.7	642.4	1,399.1	578.3	1,093.8	405.8
Georgia	1,065.8	603.2	933.5	553.9	677.2	355.7
Kentucky	833.4	163.7	758.2	150.3	625.0	111.5
Maryland	946.9	739.0	896.9	666.3	706.1	482.1
North Carolina	1,492.2	719.1	1,312.4	672.3	1,005.9	531.2
South Carolina	753.0	171.6	691.5	136.7	565.9	124.5
Tennessee	851.9	623.8	797.3	572.2	603.0	413.8
West Virginia	411.4	64.2	370.8	63.3	305.1	50.4

SOURCE: U.S. Department of Education, National Center for Education Statistics. *Digest of Education Statistics 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In millions of dollars.



TABLE 5.36
Appropriations for Operating Expenses at Virginia's
Four-Year Public Institutions of Higher Education: 1988-89

Institution	Total Appropriation	Educational & General Programs		Student Aid General Fund	Auxiliary Enter- prises	Appropriation Per FTEs
		General Fund	Other			
Christopher Newport College	\$16,822	\$8,894	\$4,371	\$171	\$3,387	\$2,740
Clinch Valley College	8,588	4,201	2,690	106	1,590	3,438
George Mason University	110,060	49,311	38,036	1,104	21,609	3,639
James Madison University	86,733	31,829	21,345	898	32,661	2,930
Longwood College	26,328	10,653	5,594	358	9,722	3,367
Mary Washington College	25,304 ^a	10,498	5,788	...	8,821	3,367
Norfolk State University	61,919	24,645	26,371	1,353	9,550	3,266
Old Dominion University	98,848	46,681	31,074	1,391	19,702	3,459
Radford University	55,340	24,763	11,989	589	17,999	2,844
University of Virginia ¹	533,562	114,927	149,711	3,174	51,413	5,654 ^b
Virginia Commonwealth University ²	482,433	110,066	99,280	2,693	23,279	6,643 ^c
Virginia Military Institute ³	24,181	7,973	5,265	374	8,073	5,124
Virginia Polytechnic Institute and State University ⁴	370,088	107,589	75,043	3,663	50,727	4,425 ^d
Virginia State University	46,040	15,587	21,299	808	8,346	4,639
College of William and Mary ⁵	83,370	30,801	27,475	949	24,146	4,233

SOURCE: Commonwealth of Virginia, State Council of Higher Education for Virginia. *FACT Book 1988-89, Higher Education in Virginia*. Richmond, Virginia, annual.

NOTES: Data are unadjusted for 1989 legislative actions.

In thousands of dollars, except appropriation per FTEs, in dollars.

¹ "Educational and General Programs-Other" include non-general fund appropriations for Financial Assistance to Educational and General Programs and non-general fund appropriations for Financial Assistance to Educational and General Programs.

² "Auxiliary Enterprises." Non-general fund appropriation.

³ "Appropriation Per FTEs" is the general fund appropriation, excluding central appropriation transfers for Educational and General activities per budgeted Full-Time Equivalent Student (FTEs) for 1988-89, based on December 1988 projections.

⁴ Appropriations for the Hospital Division are included in the total, but not shown separately. The Hospital Division General Fund appropriation is \$38,023,074, and other appropriations to the Hospital Division equal \$176,314,526.

⁵ Appropriations for the Hospital Division are included in the total, but not shown separately. The Hospital Division General Fund appropriation is \$52,256,345, and other appropriations to the Hospital Division equal \$194,859,069.

⁶ Appropriations from the Unique Military Activities General Fund and the Higher Education Operating Fund are included in the total, but not shown separately. Appropriations from the Unique Military Activities General Fund equal \$1,812,731. Appropriations from the Higher Education Operating Fund equal \$682,924.

⁷ Appropriations for the Extension and Research Divisions are included in the total, but not shown separately. The Extension Division has an Educational and General Programs General Fund appropriation of \$31,399,571, and other appropriations of \$14,888,928. The Research Division has an Educational and General Fund appropriation of \$28,046,894, and other appropriations of \$58,730,071.

⁸ Total excludes Virginia Institute of Marine Science.

⁹ Excludes Melchers/Monroe Memorials.

¹⁰ Figure shown is for the academic division excluding Medicine, with an estimated general fund appropriation per FTE of \$5,042.

¹¹ Figure shown is for the academic division excluding Medicine and Dentistry, with an estimated general fund appropriation per FTE of \$5,383.

¹² Figure shown is for the academic division excluding Veterinary Medicine, with an estimated general fund appropriation per FTE of \$4,259.

TABLE 5.37
Annual Full-Time Tuition and Required Fees at Virginia's
Public Institutions of Higher Education: 1986-87 to 1988-89

Institution	1988-89		1987-88		1986-87	
	In-State	Out-of-State	In-State	Out-of-State	In-State	Out-of-State
Christopher Newport College:						
Undergraduate	\$1,670	\$2,700	\$1,935	\$3,150	\$1,770	\$2,820
Clinch Valley College:						
Undergraduate	1,574	2,534	1,472	2,336	1,404	2,220
George Mason University:						
Undergraduate	2,040	4,236	1,824	3,648	1,680	3,336
Graduate	2,040	4,236	1,824	3,648	1,680	3,336
Law	3,228	10,404	2,544	8,694	2,520	7,854
James Madison University:						
Undergraduate	2,702	5,054	2,472	4,452	2,392	4,222
Graduate	2,256	5,232	2,148	4,284	2,088	4,056
Longwood College:						
Undergraduate	2,598	4,384	2,638	4,126	2,529	3,853
Graduate	2,598	4,384	2,638	4,126	2,529	3,853
Mary Washington College:						
Undergraduate	2,264	4,592	2,122	4,130	1,902	3,722
Graduate	1,752	3,528	1,584	3,096	1,488	2,832
Norfolk State University:						
Undergraduate	1,606	3,156	1,370	2,590	1,308	2,420
Graduate	1,962	3,434	1,630	2,770	1,548	2,588
Old Dominion University:						
Undergraduate	2,414	4,622	2,222	4,070	1,986	3,618
Graduate	2,798	6,254	2,582	5,510	2,322	4,914
Radford University:						
Undergraduate	2,076	3,474	1,920	2,754	1,796	2,576
Graduate	2,174	2,516	2,016	2,244	1,886	2,100
University of Virginia:						
Undergraduate	2,526	6,336	2,366	5,796	2,238	5,468
Graduate	2,526	6,336	2,366	5,796	2,238	5,468
Law	3,764	8,084	3,524	7,504	3,346	7,116
Medicine	6,166	12,436	5,785	11,655	5,470	11,040
Virginia Commonwealth University:						
Undergraduate	2,415	5,545	2,315	5,315	2,110	4,730
Graduate	2,741	5,531	2,641	5,301	2,416	4,616
Medicine	6,388	12,383	6,288	12,283	5,812	11,412
Dentistry	5,703	10,903	5,538	10,673	5,112	9,912
Virginia Military Institute ¹ :						
Undergraduate	3,338	6,788	3,530	6,530	3,556	6,456
Virginia Polytechnic Institute and State University:						
Undergraduate	2,544	5,184	2,319	4,659	2,187	4,407
Graduate	2,946	3,324	2,673	2,943	2,538	2,808
Veterinary Medicine	5,286	5,286 ^a	4,914	4,914 ^a	4,662	4,662 ^a
Virginia State University:						
Undergraduate	2,926	4,890	2,349	4,159	1,800	3,100
Graduate	3,078	5,084	2,489	4,339	1,900	3,200
The College of William and Mary:						
Undergraduate	2,966	7,812	2,750	7,234	2,540	6,772
Graduate	2,966	7,812	2,750	7,234	2,540	6,772
Law	3,426	8,272	3,186	7,670	2,938	7,170
Richard Bland College:						
Undergraduate	1,350	3,330	1,260	3,110	1,180	2,960
All Community Colleges:						
Undergraduate	779	3,810	763	3,735	765	3,645

SOURCE: Commonwealth of Virginia, State Council of Higher Education for Virginia. *FACT Book 1988-89, Higher Education in Virginia*. Richmond, Virginia, annual.

NOTES: ¹The 1986-87 figures include a weighted average uniform fee of \$211. The cost of room and board (\$2,385) is excluded. The 1987-88 figures include a weighted average uniform fee of \$175. The cost of room and board (\$2,635) is excluded. The 1988-89 figures include a weighted average uniform fee of \$175. The cost of room and board (\$2,635) is excluded.

^aExcludes regional capitation fee.

**TABLE 5.38**
Annual Full-Time Tuition and Required Fees at Selected Private Institutions of Higher Education, Virginia: 1984-85 to 1988-89

Institution	1988-89	1987-88	1986-87	1985-86	1984-85
Averett College ¹	\$6,250	\$5,500	\$4,650	\$4,225	\$3,850
Bluefield College ¹	4,180	3,880	3,460	2,800	2,550
Bridgewater College ¹	6,985	6,481	6,000	5,370	4,900
CBN University ³	3,240	2,760	NE	NE	NE
Christendom College ¹	6,330	6,025	5,820	5,320	3,770
Community Hospital of Roanoke Valley College of Health Sciences ¹	2,148	2,024	1,735	NE	NE
Eastern Mennonite College ¹	5,828	5,828	5,828	5,250	4,820
Eastern Virginia Medical School, Medical College of Hampton Roads ²					
In-state	9,500	11,500	11,000	11,000	10,000
Out-of-state	15,000	17,000	16,000	16,000	14,000
Emory and Henry College ¹	5,870	5,544	5,106	4,551	3,936
Ferrum College ¹	6,050	5,700	4,950	4,750	NE
Hampden-Sydney College ¹	9,530	8,950	8,305	7,620	7,050
Hampton University ¹	5,150	4,740	4,355	4,065	3,740
Hollins College ¹	9,339	8,705	8,350	7,898	7,187
Liberty University ¹	3,432	3,210	3,210	2,800	2,800
Lynchburg College ¹	7,950	7,300	6,625	6,250	5,950
Mary Baldwin College ¹	7,650	7,110	6,650	6,250	5,650
Marymount College of Virginia ¹	7,500	6,700	6,150	5,700	5,100
National Business College ¹	NE	3,486	NE	2,385	NE
Notre Dame Pontifical Cathetical Institute ³	600	560	720	NE	NE
Presbyterian School of Christian Education ³	3,843	3,633	3,000	3,000	2,780
Protestant Episcopal Theological Seminary in Virginia ³	3,975	3,895	3,790	3,685	3,480
Randolph-Macon College ¹	8,425	7,715	7,140	6,500	6,000
Randolph-Macon Woman's College ¹	9,410	8,785	8,285	7,685	7,080
Roanoke College ¹	8,500	7,700	7,000	6,500	5,650
Saint Paul's College ¹	4,216	3,530	3,330	NE	NE
Shenandoah College and Conservatory of Music ¹	NA	6,600	6,600	6,000	5,350
Southern Seminary Junior College ¹	6,400	5,900	5,700	5,290	4,850
Sweet Briar College ¹	10,120	9,450	9,000	8,460	7,910
Union Theological Seminary ³	4,500	4,000	NE	NE	NE
University of Richmond ¹	9,130	8,335	7,675	7,155	NE
Virginia College ¹	3,240	3,240	3,240	NE	NE
Virginia Intermont College ¹	5,150	5,025	4,475	4,300	3,850
Virginia Union University ¹	NA	NE	NE	3,754	3,520
Virginia Wesleyan College ¹	6,800	6,200	5,700	5,200	4,810
Washington and Lee University ¹	9,005	8,400	7,700	7,200	6,615

SOURCE: Commonwealth of Virginia, State Council of Higher Education for Virginia. *FACT Book 1988-89, Higher Education in Virginia*. Richmond, Virginia, annual.

NOTES: In-state and out-of-state tuitions are the same for all schools except the Eastern Virginia Medical School, Medical College of Hampton Roads.

NE—No entry listed.

NA—Not available.

¹Undergraduate only.

²Tuition only; fees vary according to student level.

³Graduate only.

TABLE 5.39
Adult Basic and Secondary Education for the U.S.,
Virginia, and Surrounding States: 1980 and 1984

	1984			1980			
	Total	Level		Total	Level		
		Adult Basic Education	Adult Secondary Education		Adult Basic Education	Adult Secondary Education	Ungraded
United States	2,559.6	1,910.0	649.5	2,018.9	915.9	531.7	571.3
Virginia	23.4	21.8	1.6	21.5	10.5	3.8	7.2
Delaware	1.9	1.3	0.6	1.8	1.1	0.5	0.2
District of Columbia	16.2	10.0	6.2	25.2	4.9	6.5	13.8
Florida	585.1	351.0	234.0	467.2	101.0	184.6	181.6
Georgia	54.3	37.0	17.3	50.8	26.7	17.0	7.1
Kentucky	23.2	17.5	5.7	27.8	6.1	4.7	16.9
Maryland	29.7	26.6	3.2	34.6	23.4	6.0	5.1
North Carolina	49.6	49.6	...	84.3	33.9	46.7	3.7
South Carolina	71.4	32.8	38.6	69.7	28.0	35.2	6.5
Tennessee	26.2	24.5	1.7	26.3	17.1	3.2	5.9
West Virginia	15.6	10.7	4.9	14.6	9.7	3.7	1.2

SOURCE: U.S. Department of Education, National Center for Education Statistics. *Digest of Education Statistics 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: in thousands.

TABLE 5.40
General Statistics for Public Libraries in Virginia
and Surrounding States: Fiscal Year 1983-84

	Total Volumes in Public Libraries	Volumes Per Capita	Total Circulation	Total Expenditures	Expenditures Per Capita
Virginia	10,647	1.9	30,887	\$55.4	\$9.83
Delaware	993	1.6	2,563	3.7	6.03
Florida	13,868	1.3	39,192	90.2	8.16
Georgia	10,975	1.9	20,924	42.3	7.24
Kentucky	6,505	1.7	16,847	20.9	5.62
Maryland	10,664	2.5	32,164	57.6	13.24
North Carolina	9,597	1.6	24,835	50.6	8.21
South Carolina	4,332	1.3	9,603	19.5	5.91
Tennessee	6,621	1.4	14,459	25.7	5.44
West Virginia	3,923	2.0	NA	13.8	7.07

SOURCE: *The American Library Directory*, 39th Edition, Volumes 1 and 2. R. R. Bowker Company, New York, 1986.

NOTES: "Total Volumes in Public Libraries" and "Total Circulation" in thousands.
 "Volumes Per Capita" based on resident population on July 1, 1984.
 "Total Expenditures" in millions of dollars.
 "Expenditures Per Capita" in dollars, based on July 1, 1984 resident population.
 NA—Not available.



TABLE 5.41
Summary Statistics for Virginia Public Libraries: 1985-86

Library	Current Year Revenue	Operating Expend- itures	Total FTE Positions	Total Book Circulation	Total Volumes
Alexandria Public Library	\$2,523,018	\$2,372,286	58	2,272,485	447,763
Amherst County Public Library	213,602	205,262	6	190,850	40,802
Appomattox Public Library	551,369	12,878	2	16,061	13,100
Appomattox Regional Library	178,362	509,936	17	241,937	125,361
Arlington County Department of Libraries	4,569,102	4,356,088	90	1,460,802	736,331
Augusta County Library	388,042	293,735	12	284,226	95,959
Bedford Public Library	325,783	261,003	9	229,955	82,662
Blue Ridge Regional Library (Martinsville)	720,006	675,311	18	307,721	124,703
Botetourt County Library	126,597	122,276	6	79,130	34,456
Bristol Public Library	358,071	335,573	16	11,776	123,015
Brunswick-Greensville Regional Library	241,795	227,343	11	95,686	67,913
Buchanan County Public Library	185,963	183,965	6	110,659	85,562
Campbell County Public Library	250,160	225,259	12	89,640	102,879
Caroline Library, Inc.	59,545	56,091	1	30,855	17,039
Central Rappahannock Regional Library	1,127,676	1,011,848	41	599,784	234,648
Charles P. Jones Memorial Library (Covington)	142,215	115,779	3	94,632	68,373
Charlotte County Free Library	...	NA	NA	NA	NA
Chesapeake Public Library	1,334,782	1,248,875	35	525,164	NA
Chesterfield County Public Library	2,535,985	2,257,471	69	1,191,462	327,926
Clifton Forge Public Library	46,107	41,152	1	41,236	28,607
Colonial Heights Public Library	196,287	179,938	6	103,710	32,379
Culpeper Town and County Library	113,602	103,070	5	89,977	43,351
Danville Public Library	502,745	476,697	31	233,118	120,889
Eastern Shore Public Library (Accomac)	399,450	340,254	9	166,896	75,710
Edinburg Community Library	8,919	2,459	NA	7,058	10,693
Essex Public Library	31,106	29,755	1	23,849	16,607
Fairfax County Public Library	18,055,649	14,483,030	377	NA	1,971,443
Farmville-Prince Edward Community Library	...	NA	NA	NA	NA
Fauquier County Public Library	340,986	291,922	10	NA	59,706
Fluvanna County Library	67,637	44,324	1	25,186	17,300
Franklin County Public Library	213,477	199,850	6	105,767	68,470
Franklin Library Association	...	NA	NA	23,638	23,220
Galax-Carroll Regional Library	233,256	205,251	7	166,918	65,408
Gloucester Library	75,948	59,880	2	23,460	18,435
Halifax-South Boston Regional Library	326,868	269,423	8	119,341	121,526
Hampton Public Library	1,088,099	1,079,174	37	426,527	349,075
Handley Library (Winchester)	564,429	495,761	21	197,389	90,163
Henrico County Public Library	2,976,425	2,671,478	96	NA	560,774
Heritage Library (Providence Forge)	90,922	60,321	2	9,494	51,029
Highland County Public Library	16,414	14,855	1	NA	NA
James L. Hamner Public Library (Amelia)	35,871	33,364	1	13,339	9,430
Jefferson-Madison Regional Library (Charlottesville)	1,628,535	1,476,157	32	793,432	360,566
King and Queen County Public Library	...	NA	NA	NA	NA

CONTINUED ➡

TABLE 5.41

Summary Statistics for Virginia Public Libraries: 1985-86, *CONTINUED*

Library	Current Year Revenue	Operating Expend- itures	Total FTE Positions	Total Book Circulation	Total Volumes
Lancaster County Public Library	54,098	40,113	2	46,781	18,297
Lewis Egerton Smoot Library (King George)	224,995	128,063	5	57,689	59,273
Lonesome Pine Regional Library (Wise)	1,558,951	1,347,548	42	1,009,611	460,676
Loudoun County Public Library	1,243,883	1,166,277	37	380,828	200,421
Lynchburg Public Library	1,047,647	833,761	25	NA	155,721
Madison County Library, Inc.	41,223	34,453	2	31,556	20,143
Mary Riley Styles Public Library (Falls Church)	716,336	694,148	3	233,488	118,514
Mathews Memorial Library	65,207	49,781	2	24,713	23,081
Middlesex County Public Library	35,914	12,122	2	8,399	8,264
Montgomery-Floyd Regional Library	542,948	496,146	24	377,272	154,723
Narrows Public Library	22,639	22,367	NA	23,720	23,454
Newport News Public Library System	1,660,625	1,538,600	59	NA	232,253
Norfolk Public Library	4,072,033	3,619,062	122	888,800	1,020,322
Northumberland Public Library	19,923	12,348	NA	NA	NA
Nottoway County Public Library	55,709	55,390	3	33,960	39,105
Orange County Public Library	140,419	105,314	4	74,469	36,670
Pamunkey Regional Library	979,402	641,117	24	NA	193,578
Pearisburg Public Library	96,171	81,444	3	34,107	34,653
Petersburg Public Library	655,409	563,203	20	113,415	152,284
Pittsylvania County Public Library	289,634	284,401	11	136,322	77,802
Poquoson County Library	83,003	78,522	4	59,004	16,564
Portsmouth Public Library	1,168,175	1,055,748	39	378,618	343,830
Powhatan County Public Library	5,943	3,826	NA	NA	NA
Prince William Public Library	2,673,691	2,552,591	82	NA	481,409
Pulaski County Library	211,489	200,750	7	89,487	77,291
Radford Public Library	162,412	157,676	7	104,975	51,954
Rappahannock County Library	41,505	26,436	1	16,683	17,098
Richmond Public Library	2,975,909	2,836,114	100	277,687	881,002
Roanoke County Public Library	1,458,891	938,627	37	587,974	296,744
Roanoke City Public Library System	981,562	1,442,934	34	475,930	NA
Rockbridge Regional Library	361,110	338,498	16	175,948	153,575
Rockingham Public Library	580,864	511,387	17	426,824	138,174
Russell County Public Library	109,883	97,013	3	44,449	70,713
Salem Public Library	232,781	231,707	7	91,935	49,283
Samuels Public Library (Front Royal)	282,921	211,049	6	158,642	54,331
Shenandoah County Library	119,108	108,408	3	9,936	12,519
Smyth-Bland Regional Library	392,738	341,898	16	196,931	74,077
Southside Regional Library (Boydton)	316,893	256,099	12	192,533	137,706
Staunton Public Library	492,042	481,616	19	222,761	67,149
Strasburg Community Library	28,675	3,108	NA	NA	NA
Suffolk Public Library System	209,621	209,595	11	96,547	74,044
Tazewell County Public Library	362,619	354,344	15	143,656	85,339

CONTINUED ➡

**TABLE 5.41****Summary Statistics for Virginia Public Libraries: 1985-86, *CONTINUED***

Library	Current Year Revenue	Operating Expend- itures	Total FTE Positions	Total Book Circulation	Total Volumes
Virginia Beach Department of Public Libraries	4,476,408	3,647,029	112	1,436,150	595,121
Walter Cecil Rawls Library and Museum (Courtland)	560,293	478,541	17	232,827	151,171
Washington County Public Library	281,194	281,191	12	201,607	98,017
Waynesboro Public Library	492,468	481,519	11	294,466	144,796
Williamsburg Regional Library	733,588	647,172	38	330,426	122,640
Wythe-Grayson Regional Library	323,319	284,319	12	204,296	5,314
York County Public Library	300,571	250,668	9	175,258	45,901

SOURCE: Commonwealth of Virginia, Virginia State Library and Archives. *1985-86 Statistics of Virginia Public Libraries and Institutional Libraries*. Richmond, Virginia, annual.

NOTES: "Total Book Circulation" and "Total Volumes" include non-book materials.
NA—Not available.



Section 6: Finance, Insurance, and Real Estate

Finance, insurance, and real estate are grouped together as a major division in the Standard Industrial Classification system. This section gives summary statistics on employment and average pay for this industry division as a whole (Table 6.1), as well as detailed data in each of these three categories. Financial institutions data include deposit market shares by type of institution, total statewide assets for commercial banks, and deposit statistics for the state, counties and independent cities. Insurance data include policies in force, value of policies, and benefit payments. Real estate data include type and value of federally owned property in Virginia.

For more detailed information on real estate in Virginia's counties and independent cities (e.g., market value of land, buildings and improvements), see Section 19 (Taxes).

Among the primary national sources of data on financial institutions are the Treasury Department, the Federal Deposit Insurance Corporation, the Federal Reserve System, and the National Council of Savings Institutions. State data from these and other agencies are collected in the *Statistical Abstract of the United States*, which provided the information in Tables 6.2 and 6.3. In addition, the Federal Home Loan Bank Board compiles financial statistics on savings and loans and publishes its findings annually in *Asset and Liability Trends* (see Tables 6.4 and 6.5).

The Financial Institutions Data Exchange, a service of the University of Virginia's Colgate Darden Graduate School of Business Administration, provides detailed deposit and loan market share information on participating financial institutions in Virginia, Maryland, and the District of Columbia. Deposit data for Virginia's independent cities and counties in Tables 6.6, 6.8, and 6.9 are taken from annual reports released by the Data Exchange.

Insurance data come largely from private organizations, such as the American Council of Life Insurance (Washington, D.C.), whose annual *Life Insurance Fact Book* furnishes state-by-state statistics.

The U.S. General Services Administration keeps track of the real property owned by federal government agencies in each of the states; data for Virginia appear in Table 6.15.

CONCEPTS

FINANCE, INSURANCE, AND REAL ESTATE (SIC CLASSIFICATION)

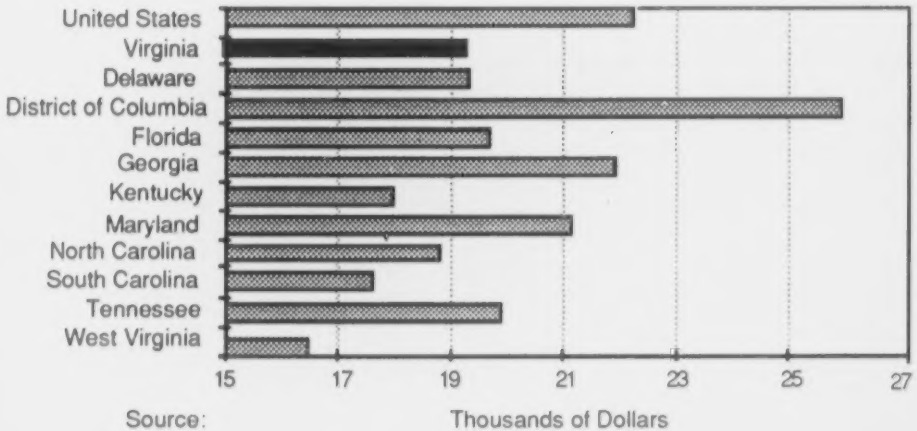
The Standard Industrial Classification Manual lists Finance, Insurance, and Real Estate as Industry Division H, including major groups 60 to 65 and 67. Finance includes depository institutions, nondepository credit institutions, holding

companies, other investment companies, brokers and dealers in securities and commodity contracts, and security and commodity exchanges. Insurance includes carriers of all types of insurance, and insurance agents and brokers. Real estate includes owners, lessors, lessees, buyers, sellers, agents, and developers of real property. Establishments engaged primarily in construction of buildings for sale are classified under Construction (Industry 1531).

FINANCIAL INSTITUTIONS

Traditionally, "commercial banks" specialized in demand deposits and short-term commercial loans; "savings banks" specialized in savings accounts, with little power to perform commercial functions; and "savings and loans," which are mutual cooperative institutions, received the savings of their members and financed long-term amortized mortgage loans. However, recent deregulation in the banking industry has blurred many of these traditional distinctions, allowing most institutions to engage in a wide range of financial activities and services.

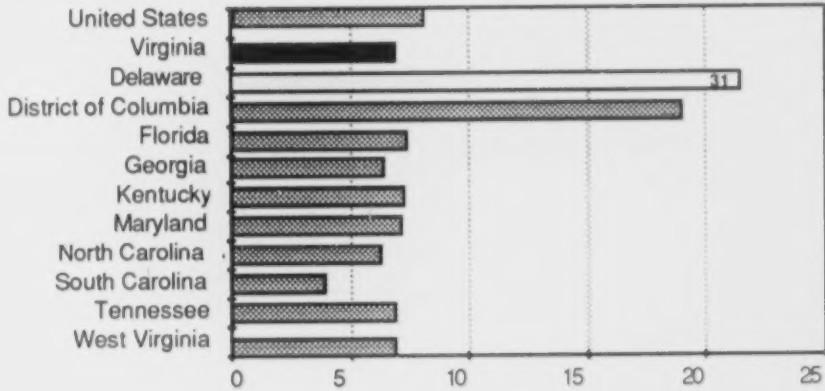
Figure 6.1
Average Annual Pay for Finance, Insurance,
and Real Estate Employment: 1985



Source:
Table 6.1



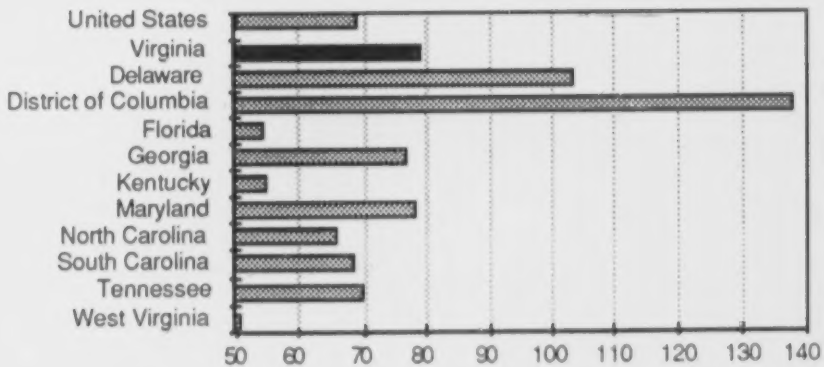
Figure 6.2
Per Capita Deposits in Commercial Banks: 1987



Source:
Table 6.7

Thousands of Dollars

Figure 6.3
Average Life Insurance Value Per Family: 1986



Source:
Table 6.10

Thousands of Dollars

TABLE 6.1

Finance, Insurance, and Real Estate Industry Employment and Annual Pay for the U.S., Virginia, and Surrounding States: 1983-1986

	Employment			Average Annual Pay		
	1986	1985	1984	1985	1984	1983
United States	6,305.0	5,953.0	5,689.0	\$22,306	\$20,720	\$19,575
Virginia	130.8	122.6	117.1	19,341	17,934	16,906
Delaware	22.9	19.5	17.1	19,383	18,451	17,655
District of Columbia	36.3	34.8	34.8	25,978	23,900	22,096
Florida	339.6	319.2	299.2	19,730	18,368	17,351
Georgia	145.3	136.8	128.3	21,970	20,231	18,752
Kentucky	59.5	56.9	55.1	18,047	16,839	16,162
Maryland	117.4	109.7	103.8	21,175	19,632	18,044
North Carolina	118.4	109.4	103.8	18,859	17,621	16,669
South Carolina	61.0	57.2	54.4	17,666	16,657	15,889
Tennessee	93.0	89.4	85.9	19,914	18,518	17,588
West Virginia	23.8	23.6	23.2	16,514	15,632	15,156

SOURCES: U.S. Department of Commerce, Bureau of the Census. *State and Metropolitan Area Data Book 1986*. U.S. Government Printing Office, Washington, D.C., 1986; U.S. Department of Labor, Bureau of Labor Statistics. *Employment and Earnings, March and May 1987*. U.S. Government Printing Office, Washington, D.C., monthly; U.S. Department of Labor, Bureau of Labor Statistics. *News*. "Average Annual Pay by State and Industry, 1985." USDL 86-361. U.S. Government Printing Office, Washington, D.C., irregular.

NOTES: "Employment" in thousands.
 "Average Annual Pay" in dollars. Includes workers covered by Unemployment Insurance and Unemployment Compensation for Federal Employees programs.
 1985 "Average Annual Pay" data are preliminary.

TABLE 6.2

Selected Financial Items for Savings Institutions (FSLIC-Insured) for the U.S., Virginia, and Surrounding States: 1986

	Number of Institutions	Total Assets	Mortgage Loans Outstanding	Deposits
United States	3,208	\$1,158,316	\$811,216	\$887,264
Virginia	66	22,929	16,165	18,259
Delaware	4	353	236	292
District of Columbia	6	4,268	3,472	2,812
Florida	149	82,952	54,465	64,127
Georgia	67	16,168	11,796	13,220
Kentucky	67	7,201	5,126	6,287
Maryland	95	18,970	13,620	15,703
North Carolina	139	19,332	14,241	16,367
South Carolina	49	10,399	7,236	8,367
Tennessee	64	10,625	7,120	8,942
West Virginia	18	2,112	1,430	1,863

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1988*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In millions of dollars, except number of institutions. Covers savings and loan associations and savings banks.
 "Mortgage Loans Outstanding" includes mortgage-backed securities and reflects deductions from asset accounts.

**TABLE 6.3**

**Domestic Deposit Market Shares by Type of Institution
for the U.S., Virginia, and Surrounding States: 1985**

	Total Deposits	Percent Distribution			
		FDIC— Insured Commercial Banks	FSLIC— Insured Savings Institutions	Mutual Savings Banks	Credit Unions
United States	\$2,905,319	61.6%	27.8%	6.4%	4.3%
Virginia	55,050	63.1	27.0	...	9.9
Delaware	13,012	67.5	2.2	8.3	2.0
District of Columbia	15,302	66.6	25.3	...	8.1
Florida	148,357	49.5	46.9	...	3.7
Georgia	49,583	69.3	25.7	...	5.0
Kentucky	31,313	76.3	20.8	...	2.9
Maryland	40,698	60.3	30.9	2.6	6.1
North Carolina	48,439	67.4	27.3	...	5.3
South Carolina	20,537	56.4	37.8	...	5.7
Tennessee	40,662	72.1	21.2	...	6.6
West Virginia	14,343	83.2	13.5	...	3.3

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: As of December 31, except FSLIC-insured savings institutions, as of June 30.
"Total Deposits" in millions of dollars.

TABLE 6.4

**Selected Financial Items for Savings and Loans and Savings
Banks for the U.S., Virginia, and Surrounding States: 1987**

	Number of Associations	Total Assets	Mortgage Loans	Total Deposits
United States	3,385	\$1,258,554	\$684,595	\$939,178
Virginia	67	25,621	15,208	19,369
Delaware	11	440	287	313
District of Columbia	6	4,423	2,453	2,841
Florida	149	80,143	40,876	60,479
Georgia	69	18,222	10,319	13,736
Kentucky	67	7,493	4,413	6,340
Maryland	131	21,103	11,984	16,505
North Carolina	137	20,197	13,216	16,794
South Carolina	49	10,874	6,724	8,618
Tennessee	63	11,515	6,422	9,240
West Virginia	19	2,013	1,228	1,764

SOURCE: Federal Home Loan Bank Board. *Asset and Liability Trends, 1987*. Washington, D.C., annual.

NOTES: Includes data for all savings and loan associations and FSLIC-insured savings banks.
"Total Assets", "Mortgage Loans," and "Total Deposits" in millions of dollars.

TABLE 6.5
Selected Financial Items for Savings and Loans
and Savings Banks, Virginia: 1955-1987

	1987	1980	1975	1970	1965	1960	1955
Number of institutions	67	85	82	75	76	71	68
Total assets	\$25,620,805	9,621,328	4,606,850	1,914,525	1,275,675	697,232	383,343
Mortgage loans	\$15,207,780	8,170,129	3,980,754	1,659,093	1,099,275	598,460	230,140
Mortgage-backed securities	\$3,506,318	NA	NA	NA	NA	NA	NA
Nonmortgage loans	\$1,593,436	279,816	65,613	18,161	12,432	7,133	4,221
Cash and investments	\$3,119,454	710,198	376,198	170,968	116,886	67,415	35,484
Total deposits	\$19,369,272	8,075,160	4,008,945	1,667,149	1,111,216	617,987	328,878
FHLbank advances	\$2,475,843	702,703	212,570	62,275	49,506	18,392	17,534
Other borrowed money	\$1,927,521	86,140	14,933	2,364	5,970	1,799	1,937
Total liabilities	\$24,180,791	9,135,548	4,363,319	1,781,096	1,184,373	647,961	354,495
Regulatory capital	\$1,440,014	485,780	243,531	133,429	91,302	49,271	28,848

SOURCE: Federal Home Loan Bank Board. *Asset and Liability Trends, 1987*. Washington, D.C., annual.

NOTES: Includes data for all savings and loan associations and all FSLIC-insured savings banks.
 In thousands of dollars, except number of institutions.
 NA—Not available.

TABLE 6.6
Total Deposits in Commercial Banks and Savings and
Loans for Virginia's Counties and Cities: 1981-1987

	1987	1986	1985	1984	1983	1982	1981
Virginia	\$59,163,275	\$52,745,332	\$47,067,241	\$40,914,711	\$36,711,365	\$31,272,766	\$28,861,347
Counties							
Accomack	288,383	273,854	250,237	228,422	213,864	188,619	174,100
Albemarle	242,294	239,559	209,500	172,163	151,417	130,914	113,750
Alleghany	5,972	4,939	4,541	3,369	2,691	6,293	6,132
Amelia	43,520	40,353	39,507	34,912	31,007	27,532	25,082
Amherst	156,326	137,313	130,507	114,373	109,889	93,126	85,923
Appomattox	98,580	97,032	89,624	81,458	73,902	68,009	60,146
Arlington	2,532,263	2,331,549	2,270,897	1,877,848	1,759,851	1,539,887	1,494,739
Augusta	116,692	107,355	97,299	85,145	80,312	81,428	69,030
Bath	25,599	23,657	21,179	21,985	19,504	18,598	17,239
Bedford	107,224	101,432	91,273	82,919	73,717	61,310	55,606
Bland	19,584	17,794	16,053	15,099	13,764	12,782	12,143
Botetourt	120,638	111,809	96,714	84,727	81,865	74,301	65,398
Brunswick	87,185	84,901	79,683	72,547	68,323	63,589	58,175
Buchanan	269,564	258,867	264,807	249,789	223,266	222,965	205,154
Buckingham	46,738	45,938	40,972	38,643	34,122	28,763	28,524
Campbell	305,823	279,868	263,719	235,839	218,721	189,855	173,217
Caroline	116,895	110,606	99,794	92,252	82,236	68,596	62,367
Carroll	114,928	104,221	93,882	82,969	78,377	67,584	63,460
Charles City	...	...	...	...	...	...	...
Charlotte	71,383	68,156	59,830	54,641	48,276	44,177	39,918
Chesterfield	1,101,734	1,068,881	790,090	629,246	510,800	383,358	348,456
Clarke	79,544	75,014	60,926	53,660	46,616	42,187	38,942
Craig	25,781	24,348	22,441	20,653	18,337	16,189	14,496
Culpeper	251,056	228,196	207,788	188,073	172,719	150,834	141,387
Cumberland	15,065	14,093	12,455	11,706	10,398	9,981	9,314
Dickenson	105,199	104,725	106,254	99,303	93,661	86,807	71,809
Dinwiddie	76,822	73,838	64,987	61,254	54,034	48,994	46,344

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TABLE 6.6
Total Deposits in Commercial Banks and Savings and Loans for Virginia's Counties and Cities: 1981-1987, *CONTINUED*

	1987	1986	1985	1984	1983	1982	1981
Essex	112,823	95,335	88,465	81,133	73,856	66,215	60,826
Fairfax	6,911,347	6,011,797	5,065,681	4,118,769	3,536,010	2,741,550	2,413,949
Fauquier	415,371	379,260	340,519	288,851	263,674	220,756	205,037
Floyd	87,547	80,556	73,350	67,654	59,398	54,378	48,478
Fluvanna	30,483	26,385	24,807	24,060	23,209	20,794	18,243
Franklin	276,812	260,472	240,626	216,071	199,654	179,498	161,776
Frederick	97,783	90,386	87,620	79,747	77,968	53,613	51,832
Giles	131,777	128,513	124,588	111,869	101,985	96,349	88,234
Gloucester	165,402	157,411	152,778	139,703	120,560	109,670	103,710
Goochland	65,756	62,451	60,414	55,836	49,586	45,363	41,775
Grayson	76,469	71,778	66,283	59,411	55,258	48,778	42,141
Greene	34,512	31,821	28,764	26,381	24,171	22,167	20,452
Greensville	7,878	6,923	6,912	7,119	5,869	4,536	3,789
Halifax	148,078	141,481	138,516	125,368	110,798	88,257	78,354
Hanover	405,470	374,556	341,463	291,663	261,329	236,388	219,250
Henrico	1,855,232	1,816,584	1,527,693	1,303,889	1,179,181	891,799	825,652
Henry	232,530	234,202	232,924	221,986	204,769	178,089	163,734
Highland	27,496	26,218	24,613	22,704	19,994	18,920	17,557
Isle of Wight	128,401	124,133	110,050	108,946	100,682	91,167	85,355
James City	60,032	49,597	36,663	27,168	26,183	22,127	40,435
King and Queen	6,889	7,701	7,876	5,771	5,362	5,741	4,850
King George	41,351	37,183	31,695	27,086	25,569	24,457	23,866
King William	126,645	132,187	126,905	119,166	112,466	91,597	83,581
Lancaster	157,189	145,527	128,458	123,741	112,141	93,785	92,974
Lee	170,277	161,048	145,346	138,000	128,655	115,551	102,681
Loudoun	670,650	557,859	464,358	391,093	320,683	270,826	258,770
Louisa	113,889	105,719	97,440	88,773	83,347	75,785	68,875
Lunenburg	73,442	70,287	65,170	60,719	58,038	53,777	48,312
Madison	49,830	47,583	42,783	38,410	35,952	32,409	29,161
Mathews	58,054	55,813	50,179	44,569	39,648	36,162	35,284
Mecklenburg	285,763	277,730	252,302	230,759	215,009	194,050	174,908
Middlesex	74,472	74,446	71,506	66,341	60,975	54,043	50,794
Montgomery	509,488	449,812	397,682	359,976	322,085	268,296	246,629
Nelson	45,548	43,192	38,394	37,593	33,921	30,338	27,573
New Kent	31,930	28,361	20,881	17,729	14,218	10,784	8,284
Northampton	116,153	114,350	107,459	98,445	87,926	84,327	78,344
Northumberland	107,177	99,109	88,073	77,317	70,416	64,253	57,745
Nottoway	151,684	145,156	135,076	121,342	110,891	101,935	93,892
Orange	183,754	173,324	156,423	142,464	132,544	123,348	113,333
Page	165,892	152,064	139,730	128,171	112,370	102,022	93,827
Patrick	116,350	110,026	101,847	94,449	84,495	74,900	68,554
Pittsylvania	171,464	160,933	143,342	134,786	125,758	115,202	101,252
Powhatan	75,948	72,909	66,762	63,513	61,996	51,340	49,940
Prince Edward	208,223	206,062	182,570	166,785	153,032	137,197	131,164
Prince George	92,732	82,798	81,666	68,601	61,851	48,658	48,601
Prince William	617,956	579,197	496,048	399,481	355,240	307,842	285,633
Pulaski	214,143	208,713	187,544	173,257	159,778	141,394	143,252
Rappahannock	18,020	16,208	14,947	14,437	13,605	13,019	12,509
Richmond	79,351	74,430	66,751	62,761	57,120	50,921	46,000
Roanoke	621,694	601,696	517,243	432,671	387,219	314,006	285,042
Rockbridge	60,024	53,559	45,569	39,059	36,583	33,500	31,252
Rockingham	225,926	205,747	184,450	166,693	147,355	133,408	127,690
Russell	178,656	171,057	159,339	148,121	136,642	121,210	109,952
Scott	129,596	133,585	118,404	101,301	91,190	79,986	71,610
Shenandoah	324,480	301,707	274,334	239,824	224,967	199,316	184,320
Smyth	254,381	235,662	215,123	200,658	185,135	163,744	153,706
Southampton	74,915	72,665	68,678	63,299	60,527	54,888	49,894
Spotsylvania	110,643	90,029	65,572	60,134	55,792	47,137	41,767

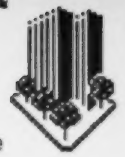
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TABLE 6.6

Total Deposits in Commercial Banks and Savings and Loans for Virginia's Counties and Cities: 1981-1987, *CONTINUED*

	1987	1986	1985	1984	1983	1982	1981
Stafford	107,344	94,566	76,447	64,389	59,573	47,985	46,776
Surry	15,536	15,962	15,692	13,841	13,042	11,621	12,090
Sussex	95,928	88,337	87,169	79,938	73,349	66,074	60,914
Tazewell	475,729	462,873	432,760	394,583	362,234	344,476	300,742
Warren	185,550	188,737	154,737	140,311	127,340	111,283	130,050
Washington	305,663	285,158	267,432	222,761	215,878	188,334	167,768
Westmoreland	112,272	104,342	94,305	87,618	81,668	73,188	68,909
Wise	365,860	366,179	347,111	337,606	300,693	296,174	274,794
Wythe	246,232	275,886	268,520	253,746	199,798	168,256	152,912
York	170,230	159,445	147,194	122,110	115,068	93,802	80,722
Cities							
Alexandria	2,367,654	2,179,402	2,012,300	1,391,923	1,134,161	937,942	850,822
Bedford	152,135	140,386	126,929	118,763	109,686	106,719	96,438
Bristol	372,144	376,022	366,292	313,873	289,059	249,876	258,201
Buena Vista	52,722	53,426	48,092	41,948	42,399	37,505	34,641
Charlottesville	845,696	772,994	674,976	573,705	530,907	451,224	436,286
Chesapeake	574,663	518,620	443,444	399,426	331,402	308,670	280,526
Clifton Forge	93,215	95,043	90,628	82,342	76,458	68,406	63,395
Colonial Heights	198,199	191,826	172,469	150,425	109,882	104,010	93,123
Covington	166,706	163,165	152,014	137,632	124,304	105,390	100,084
Danville	737,748	719,368	651,292	608,863	563,534	498,716	459,117
Emporia	121,752	124,343	114,789	102,385	98,704	85,471	80,444
Fairfax	857,289	798,231	670,102	514,905	452,044	347,321	313,749
Falls Church	339,011	317,564	289,050	269,959	232,498	225,088	225,953
Franklin	146,391	140,012	122,792	111,823	102,882	88,332	90,670
Fredericksburg	629,126	588,221	524,908	461,808	432,955	373,133	350,132
Galax	203,637	188,971	177,740	159,373	143,997	126,882	115,345
Hampton	620,506	613,220	578,668	537,153	496,100	429,734	388,979
Harrisonburg	623,400	581,206	526,577	477,092	438,550	384,850	362,829
Hopewell	252,452	269,404	284,554	193,781	188,892	155,259	137,365
Lexington	143,394	142,014	131,126	122,714	110,926	97,305	88,107
Lynchburg	985,291	1,024,805	955,424	905,830	832,157	682,950	658,336
Manassas ¹	442,933	382,186	328,090	295,776	276,874	233,318	220,366
Manassas Park ¹	NA	NA	NA	NA	NA	NA	NA
Martinsville	490,317	444,871	373,883	357,257	306,728	259,921	241,574
Newport News	1,130,358	1,042,761	995,541	937,311	863,936	691,964	629,228
Norfolk	4,878,743	3,353,507	2,981,540	2,466,690	2,146,872	1,846,126	1,707,364
Norton	71,929	70,266	66,738	67,539	71,544	68,244	50,623
Petersburg	518,007	503,152	465,884	414,549	417,741	324,574	313,957
Poquoson	47,968	46,965	43,888	41,763	39,558	34,647	31,377
Portsmouth	781,242	752,397	678,637	626,604	598,417	522,841	488,185
Radford	128,678	121,992	118,229	114,191	99,344	85,580	64,956
Richmond	7,146,475	5,382,470	4,771,640	4,438,808	4,011,604	3,589,771	3,365,464
Roanoke	1,910,696	1,789,457	1,490,053	1,367,494	1,216,856	1,068,688	1,055,265
Salem	385,249	373,802	334,597	293,915	271,641	237,474	197,516
South Boston	119,421	109,920	88,222	81,640	88,973	85,742	77,055
Staunton	458,907	428,903	399,191	355,566	332,875	288,789	286,636
Suffolk	312,090	307,401	287,544	259,514	251,172	234,704	206,398
Virginia Beach	2,357,130	2,211,694	1,970,528	1,607,090	1,360,132	961,962	769,487
Waynesboro	219,809	220,203	204,209	186,835	180,367	157,667	136,770
Williamsburg	243,616	223,591	201,232	189,870	175,132	139,682	113,392
Winchester	545,662	486,475	446,449	401,055	365,137	336,850	318,264
MSAs							
Bristol (Va. portion)	807,403	794,765	752,128	637,935	596,127	518,196	497,579
Charlottesville	1,152,985	1,070,759	938,047	796,309	729,704	625,099	588,731
Danville	909,212	880,301	794,634	743,649	689,292	613,918	560,369
Lynchburg	1,447,440	1,441,986	1,349,650	1,256,042	1,160,767	965,931	917,476
Norfolk	11,341,980	9,436,609	8,517,657	7,354,402	6,524,532	5,395,929	4,839,803

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TABLE 6.6
Total Deposits in Commercial Banks and Savings and Loans for Virginia's Counties and Cities: 1981-1987, CONTINUED

	1987	1986	1985	1984	1983	1982	1981
Northern Virginia	14,846,447	13,252,351	11,672,973	9,324,143	8,126,934	6,651,759	6,110,757
Richmond	11,820,757	9,927,230	8,648,503	7,689,294	6,921,112	5,890,298	5,498,211
Roanoke	3,038,277	2,876,764	2,438,607	2,178,807	1,957,581	1,694,469	1,603,221
Planning Districts							
LENOWISCO	737,662	731,078	677,599	644,446	592,082	559,955	499,708
Cumberland Plateau	1,029,148	997,522	963,160	891,796	815,823	775,458	687,657
Mount Rogers	1,593,038	1,555,492	1,471,325	1,307,890	1,181,266	1,026,236	965,676
New River Valley	1,071,633	989,586	901,393	826,947	742,590	645,997	591,549
Fifth	3,329,951	3,164,259	2,708,231	2,422,803	2,179,371	1,890,747	1,787,328
Central Shenandoah	1,953,969	1,842,288	1,682,305	1,519,741	1,408,865	1,251,970	1,171,751
Lord Fairfax	1,398,911	1,294,383	1,163,796	1,042,768	954,398	845,271	817,235
Northern Virginia	14,739,103	13,157,785	11,596,526	9,259,754	8,067,361	6,603,774	6,063,981
Rappahannock-Rapidan	918,031	844,571	762,460	672,235	618,494	540,366	501,427
Thomas Jefferson	1,312,422	1,219,670	1,073,881	922,675	846,972	731,222	685,179
Central Virginia	1,805,379	1,780,836	1,657,476	1,539,182	1,418,072	1,201,969	1,129,666
West Piedmont	2,025,221	1,929,872	1,743,914	1,633,412	1,484,938	1,306,326	1,196,007
Southside	640,447	614,032	558,723	510,314	483,103	431,638	388,492
Piedmont	610,055	590,045	535,580	488,748	445,764	403,362	376,206
Richmond Regional	10,682,545	8,806,212	7,578,943	6,800,684	6,088,712	5,208,803	4,858,821
RADCO	1,005,359	920,605	798,416	705,669	656,125	561,308	524,908
Northern Neck	455,989	423,408	377,587	351,437	321,345	282,147	265,628
Middle Peninsula	544,285	522,893	497,709	456,683	412,867	363,428	339,045
Crater	1,379,306	1,356,583	1,294,122	1,091,893	1,023,364	849,197	796,627
Southeastern Virginia	9,253,575	7,480,429	6,663,213	5,643,392	4,952,086	4,108,690	3,677,879
Peninsula	2,272,710	2,135,579	2,003,186	1,855,375	1,715,977	1,411,956	1,284,133
Accomack-Norhampton	404,536	388,204	357,696	326,867	301,790	272,946	252,444

SOURCES: Tayloe Murphy Institute, University of Virginia. *Branch Deposits Tracking Total Deposits 1981-1985*. Charlottesville, Virginia, 1986; Turner, Ann G. *Deposit Balances of Commercial Banks and Savings & Loan Institutions, 1996 and 1987*. Financial Institutions Data Exchange. Colgate Darden Graduate School of Business Administration, University of Virginia. Charlottesville, Virginia, annual.

NOTES: In thousands of dollars.

¹Data for Manassas City and Manassas Park City are combined and entered under Manassas City.

NA—Not available.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 6.7
Domestic Assets and Deposits of Commercial Banks
for the U.S., Virginia, and Surrounding States: 1987

	All Commercial Banks			Insured Commercial Banks	
	Total Assets	Deposits		Assets	Deposits
		Total	Per Capita		
United States	\$2,602.0	\$1,979.9	\$8,134	\$2,575.4	\$1,993.1
Virginia	31.2	13.2	6,932	15.2	13.2
Delaware	43.0	19.8	30,686	43.0	19.8
District of Columbia	15.4	11.8	19,052	15.2	11.8
Florida	110.2	90.8	7,555	109.8	90.8
Georgia	52.4	40.4	6,498	52.0	40.4
Kentucky	34.7	27.5	7,389	34.6	27.5
Maryland	43.6	32.7	7,201	43.5	32.7
North Carolina	59.4	41.1	6,402	59.2	41.1
South Carolina	17.9	13.7	3,989	17.9	13.7
Tennessee	40.6	33.7	6,941	40.5	33.7
West Virginia	15.2	13.2	6,932	15.2	13.2

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In billions of dollars, except per capita, in dollars.

TABLE 6.8
Deposits in Commercial Banks for Virginia's Counties and Cities: 1981-1987

	1987	1986	1985	1984	1983	1982	1981
Virginia	\$42,790,389	\$37,263,421	\$32,053,404	\$28,722,374	\$25,876,716	\$22,701,022	\$20,814,693
Counties							
Accomack	271,305	259,592	239,038	218,447	199,185	180,378	166,008
Albemarle	141,803	132,013	115,610	103,515	87,568	78,865	64,071
Alleghany	5,972	4,939	4,541	3,369	2,691	6,293	6,132
Amelia	43,520	40,353	39,507	34,912	31,007	27,532	25,082
Amherst	115,254	105,549	93,969	81,128	77,669	65,660	60,041
Appomattox	86,012	81,373	71,755	64,928	60,458	57,191	51,000
Arlington	1,669,581	1,508,382	1,314,079	1,178,515	1,136,240	964,215	924,622
Augusta	116,692	107,355	97,299	85,145	80,312	81,428	69,030
Bath	25,599	23,657	21,179	21,985	19,504	18,598	17,239
Bedford	35,241	33,756	29,067	26,996	21,331	16,207	14,649
Bland	19,584	17,794	16,053	15,099	13,764	12,782	12,143
Botetourt	111,639	103,448	89,399	77,419	72,564	68,275	60,142
Brunswick	87,185	84,901	79,683	72,547	68,323	63,589	58,175
Buchanan	258,102	248,015	254,623	240,662	215,754	219,095	202,215
Buckingham	46,738	45,938	40,972	38,643	34,122	28,763	28,524
Campbell	252,343	219,538	186,647	166,968	157,898	139,070	126,458
Caroline	100,199	96,227	86,740	79,846	70,222	57,863	51,711
Carroll	114,928	104,221	93,882	82,969	78,377	67,584	63,460
Charles City	...	...	...	...	...	...	...
Charlotte	71,383	68,156	59,860	54,641	48,276	44,177	39,918
Chesterfield	541,151	471,619	381,270	312,966	270,065	217,396	192,494
Clarke	79,544	75,014	60,926	53,660	46,616	42,187	38,942
Craig	25,781	24,348	22,441	20,653	18,337	16,189	14,496

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TABLE 6.8
Deposits in Commercial Banks for Virginia's
Counties and Cities: 1981-1987, *CONTINUED*

	1987	1986	1985	1984	1983	1982	1981
Culpeper	213,743	193,848	175,164	158,150	145,015	127,156	117,557
Cumberland	15,065	14,093	12,445	11,706	10,398	9,981	9,314
Dickenson	105,199	104,725	106,254	99,303	93,681	86,807	71,809
Dinwiddie	66,372	63,609	57,155	55,255	49,453	45,074	42,642
Essex	102,151	84,961	78,081	72,129	64,795	57,144	51,608
Fairfax	4,065,671	3,569,786	2,815,865	2,341,788	2,055,587	1,699,990	1,422,923
Fauquier	258,436	224,674	188,246	169,187	150,060	133,513	128,524
Floyd	87,547	80,556	73,350	67,654	59,398	54,378	48,478
Fluvanna	30,483	26,385	24,807	24,060	23,209	20,794	18,243
Franklin	239,920	225,633	210,401	186,109	173,157	155,484	144,454
Frederick	81,566	72,350	66,955	62,650	65,331	51,634	49,936
Giles	124,464	120,709	114,449	105,287	97,609	93,260	85,636
Gloucester	128,739	122,168	113,465	99,920	90,009	79,067	71,671
Goochland	65,756	62,451	60,414	55,836	49,586	45,363	41,775
Grayson	76,469	71,778	66,283	59,411	55,258	48,778	42,141
Greene	34,512	31,821	28,764	26,381	24,171	22,167	20,452
Greensville	7,878	6,923	6,912	7,119	5,869	4,536	3,789
Halifax	72,318	67,485	64,278	56,600	50,918	38,975	33,301
Hanover	259,880	236,323	215,595	185,579	170,256	159,361	146,147
Henrico	1,040,516	1,070,426	864,664	777,276	668,326	583,272	523,804
Henry	229,496	230,954	212,253	201,282	182,874	156,805	142,657
Highland	27,496	26,218	24,613	22,704	19,994	18,920	17,557
Isle of Wight	122,166	116,050	104,873	103,268	94,654	85,526	81,090
James City	37,790	29,241	16,979	9,831	9,239	7,089	25,989
King and Queen	6,889	7,701	7,876	5,771	5,362	5,741	4,850
King George	41,351	37,183	31,695	27,086	25,569	24,457	23,866
King William	112,899	118,774	115,933	109,974	102,914	84,212	77,129
Lancaster	147,881	135,716	118,954	113,509	102,034	85,415	85,428
Lee	162,191	154,506	140,591	135,249	125,298	112,640	100,502
Loudoun	592,668	482,587	390,931	332,320	270,476	234,766	214,250
Louisia	113,889	105,719	97,440	88,773	83,347	75,785	68,875
Lunenburg	73,442	70,287	65,170	60,719	58,038	53,777	48,312
Madison	49,830	47,583	42,783	38,410	35,952	32,409	29,161
Mathews	58,054	55,813	50,179	44,569	39,648	36,162	35,284
Mecklenburg	255,240	247,506	223,655	202,796	189,401	172,516	153,697
Middlesex	74,472	74,446	71,506	66,341	60,975	54,043	50,794
Montgomery	459,783	412,539	352,721	313,958	278,210	234,313	216,145
Nelson	45,548	43,192	38,394	37,593	33,921	30,338	27,573
New Kent	31,930	28,361	20,881	17,729	14,216	10,784	8,284
Northampton	101,527	102,379	97,355	90,105	85,585	76,282	70,455
Northumberland	107,177	99,109	88,073	77,317	70,416	64,253	57,743
Nottoway	141,854	135,061	125,441	114,407	105,965	100,740	93,015
Orange	160,743	150,645	136,075	123,485	115,065	111,117	101,777
Page	139,931	125,077	111,426	106,292	93,365	86,866	79,920
Patrick	116,350	110,026	101,847	94,449	84,495	74,900	68,554
Pittsylvania	147,808	138,414	121,637	113,917	104,931	95,994	83,581
Powhatan	65,821	64,696	59,622	55,030	49,787	45,297	43,712
Prince Edward	160,685	160,549	139,175	129,287	119,326	111,689	105,432
Prince George	57,344	46,746	43,633	38,395	35,600	32,172	29,532
Prince William	410,935	371,314	301,314	249,617	224,012	186,182	171,695
Pulaski	168,120	167,346	147,582	134,402	122,484	110,423	99,828
Rappahannock	18,020	16,208	14,947	14,437	13,605	13,019	12,509
Richmond	72,091	67,708	59,294	54,466	49,213	43,977	40,595
Roanoke	408,304	384,601	334,874	288,790	255,118	215,407	187,863
Rockbridge	60,024	53,559	45,569	39,059	36,583	33,500	31,252
Rockingham	225,926	205,747	184,450	166,693	147,355	133,408	127,690
Russell	178,656	171,057	159,339	148,121	136,642	121,210	109,952
Scott	129,596	133,585	118,404	101,301	91,190	79,986	71,610
Shenandoah	309,460	289,844	266,944	239,824	224,967	199,316	184,320

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TABLE 6.8
Deposits in Commercial Banks for Virginia's
Counties and Cities: 1981-1987, *CONTINUED*

	1987	1986	1985	1984	1983	1982	1981
Smyth	225,987	209,884	189,283	175,674	161,269	143,606	134,380
Southampton	74,915	72,665	68,678	63,299	60,527	54,888	49,894
Spotsylvania	98,763	78,734	53,063	44,712	37,787	30,619	28,543
Stafford	92,721	80,330	63,401	54,418	51,028	42,710	42,099
Surry	15,536	15,962	15,692	13,841	13,042	11,621	12,090
Sussex	95,928	88,337	87,169	79,938	73,349	66,074	60,914
Tazewell	434,254	418,652	390,307	362,770	335,389	322,656	283,809
Warren	131,500	135,078	104,709	97,261	88,066	82,211	105,696
Washington	283,962	262,935	243,819	199,461	193,461	171,560	152,567
Westmoreland	112,272	104,342	94,305	87,618	81,668	73,188	68,909
Wise	351,492	354,277	335,691	327,301	292,323	291,247	270,621
Wythe	205,969	196,318	179,217	163,536	152,782	142,012	130,746
York	136,463	123,962	114,382	96,595	89,844	77,218	67,295
Cities							
Alexandria	1,185,509	1,048,040	904,384	853,402	730,881	563,484	572,598
Bedford	152,135	140,386	126,929	118,763	109,686	106,719	438
Bristol	261,637	263,231	253,461	207,246	186,356	157,539	935
Buena Vista	52,722	53,426	48,092	41,948	42,399	37,505	34,641
Charlottesville	603,900	557,804	482,487	423,203	401,309	355,996	348,205
Chesapeake	444,727	391,344	315,024	265,231	211,851	199,919	177,063
Clifton Forge	72,665	72,064	66,375	61,615	58,094	54,452	51,025
Colonial Heights	97,155	92,579	78,285	71,894	60,658	50,546	42,133
Covington	157,445	150,180	136,258	123,223	113,651	99,968	95,717
Danville	615,122	597,358	530,508	489,205	444,348	391,843	350,638
Emporia	77,344	76,330	72,992	66,345	66,549	61,378	55,459
Fairfax	574,193	528,752	413,507	327,586	282,762	233,211	210,483
Falls Church	231,482	211,431	181,306	158,451	184,625	122,440	119,831
Franklin	132,841	126,474	109,529	99,023	89,801	78,280	78,397
Fredericksburg	303,718	278,477	244,444	230,352	234,938	201,039	185,005
Galax	193,676	178,815	166,760	151,283	138,553	123,740	114,371
Hampton	454,469	443,622	404,913	378,008	345,734	300,303	271,618
Harrisonburg	498,621	464,382	414,363	391,752	377,455	343,742	320,199
Hopewell	81,766	86,852	80,073	67,383	63,831	62,992	51,957
Lexington	126,132	120,691	105,738	98,597	90,229	80,456	73,364
Lynchburg	622,400	675,930	583,532	515,730	470,816	428,277	407,058
Manassas ¹	208,505	175,087	138,360	120,214	99,645	87,246	81,771
Manassas Park ¹	NA	NA	NA	NA	NA	NA	NA
Martinsville	435,059	389,696	337,505	321,495	273,456	229,446	212,644
Newport News	698,457	644,669	574,552	532,347	484,765	441,077	389,703
Norfolk	3,888,733	2,351,278	1,969,366	1,644,896	1,390,449	1,158,273	1,043,264
Norton	48,440	50,585	49,160	51,099	54,775	54,599	37,656
Petersburg	287,291	280,714	249,619	225,666	220,466	192,257	175,669
Poquoson	47,968	46,965	43,888	41,763	39,558	34,647	31,377
Portsmouth	461,469	440,875	388,539	368,639	358,669	305,881	282,245
Radford	101,458	95,986	94,859	91,362	78,915	70,004	64,956
Richmond	5,826,953	4,188,786	3,506,700	3,291,099	2,877,813	2,675,156	2,472,368
Roanoke	1,505,126	1,421,146	1,127,416	1,020,866	889,807	779,127	773,020
Salem	319,531	303,608	265,457	228,625	211,130	189,175	153,472
South Boston	119,421	109,920	88,222	81,640	88,973	85,742	77,055
Staunton	345,381	325,042	296,972	255,576	232,308	192,519	195,363
Suffolk	213,468	207,432	191,265	175,328	169,144	148,290	139,520
Virginia Beach	1,111,947	1,022,929	831,054	730,528	645,308	495,878	436,678
Waynesboro	174,337	173,244	160,274	148,828	141,900	131,462	112,147
Williamsburg	192,216	174,289	154,171	147,610	129,239	102,670	75,056
Winchester	485,580	436,587	400,834	370,438	345,140	322,627	304,795
MSAs							
Bristol (Va. portion)	675,195	659,751	615,684	508,008	471,007	409,085	373,112
Charlottesville	810,698	748,023	651,668	577,159	536,257	477,822	450,971

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TABLE 6.8
Deposits in Commercial Banks for Virginia's
Counties and Cities: 1981-1987, CONTINUED

	1987	1986	1985	1984	1983	1982	1981
Danville	762,930	735,772	652,145	603,122	549,279	487,837	434,219
Lynchburg	989,997	1,001,017	864,148	763,826	706,383	633,007	593,557
Norfolk	7,816,446	5,998,774	5,117,598	4,490,698	3,963,809	3,350,312	3,011,479
Northern Virginia	9,031,265	7,975,709	6,523,147	5,616,311	5,035,256	4,134,244	3,760,272
Richmond	8,421,935	6,693,162	5,617,911	5,154,108	4,530,057	4,119,670	3,770,517
Roanoke	2,344,600	2,212,803	1,817,146	1,615,700	1,428,619	1,251,984	1,174,497
Planning Districts							
LENOWISCO	691,719	692,953	643,846	614,950	563,586	538,472	480,389
Cumberland Plateau	976,211	942,449	910,523	850,856	781,466	749,768	667,785
Mount Rogers	1,382,212	1,304,976	1,208,758	1,054,679	979,820	867,601	798,743
New River Valley	941,372	877,136	782,961	712,663	636,616	562,378	515,043
Fifth	2,606,463	2,464,334	2,046,761	1,824,560	1,621,392	1,428,886	1,341,867
Central Shenandoah	1,652,930	1,553,321	1,398,549	1,272,287	1,188,039	1,071,538	998,482
Lord Fairfax	1,227,581	1,133,950	1,011,794	930,125	863,485	784,841	763,609
Northern Virginia	8,938,544	7,895,379	6,459,746	5,561,893	4,984,228	4,091,534	3,718,173
Rappahannock-Rapidan	700,772	632,958	557,215	503,669	459,697	417,214	389,528
Thomas Jefferson	970,135	896,934	787,502	703,525	653,525	583,945	547,419
Central Virginia	1,263,385	1,256,532	1,091,899	974,513	897,858	813,124	755,644
West Piedmont	1,783,755	1,692,081	1,514,151	1,406,457	1,263,261	1,104,472	1,002,528
Southside	534,164	509,812	455,838	413,583	397,615	360,822	322,228
Piedmont	552,687	534,437	482,570	444,315	407,132	376,659	349,597
Richmond Regional	7,832,007	6,122,662	5,109,146	4,695,515	4,100,049	3,736,629	3,428,584
RADCO	636,752	570,951	479,343	436,414	419,544	356,688	331,224
Northern Neck	439,421	406,875	360,626	332,910	303,331	266,833	252,677
Middle Peninsula	483,204	463,863	437,040	398,704	363,703	316,369	291,336
Crater	786,614	758,052	691,530	625,836	588,817	526,650	474,185
Southeastern Virginia	6,450,266	4,729,047	3,978,328	3,450,214	3,020,403	2,526,935	2,288,151
Peninsula	1,567,363	1,462,748	1,308,885	1,206,154	1,098,379	963,004	861,038
Accomack-Norhampton	372,832	361,971	336,393	308,552	284,770	256,660	236,463

SOURCES: Tayloe Murphy Institute, University of Virginia. *Branch Deposits Tracking Total Deposits 1981-1985*. Charlottesville, Virginia, 1986; Turner, Ann G. *Deposit Balances of Commercial Banks and Savings & Loan Institutions, 1986 and 1987*. Financial Institutions Data Exchange. Colgate Darden Graduate School of Business Administration, University of Virginia. Charlottesville, Virginia, annual.

NOTES: In thousands of dollars.

1 Data for Manassas City and Manassas Park City are combined and entered under Manassas City.

NA—Not available.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 6.9
Deposits in Savings and Loans for Virginia's Counties and Cities: 1981-1987

	1987	1986	1985	1984	1983	1982	1981
Virginia	\$16,372,886	\$15,481,911	\$15,014,150	\$12,192,427	\$10,937,679	\$8,572,143	\$8,073,651
Counties							
Accomack	17,078	14,262	11,199	9,975	14,679	8,241	8,092
Albemarle	100,491	107,546	93,890	68,648	63,849	52,049	49,679
Alleghany	...	...	...	...	...	...	...
Amelia	...	...	...	...	...	...	...
Amherst	41,072	31,764	36,538	33,245	32,220	27,466	25,882

CONTINUED ➡

TABLE 6.9
Deposits in Savings and Loans for Virginia's
Counties and Cities: 1981-1987, *CONTINUED*

	1987	1986	1985	1984	1983	1982	1981
Appomattox	12,568	15,659	17,869	16,530	13,444	10,818	9,146
Arlington	862,682	823,167	956,818	699,333	623,611	575,672	570,117
Augusta	...	...	...	...	...	...	...
Bath	...	...	...	...	...	...	...
Bedford	71,983	67,676	62,206	55,923	52,386	45,103	40,957
Bland	...	...	...	...	...	...	...
Botetourt	8,999	8,361	7,315	7,308	9,301	6,026	5,256
Brunswick	...	...	...	...	...	...	...
Buchanan	11,462	10,852	10,184	9,127	7,512	3,870	2,939
Buckingham	...	...	...	...	...	...	...
Campbell	53,480	60,330	77,072	68,871	60,823	50,785	46,759
Caroline	16,696	14,379	13,054	12,406	12,014	10,733	10,656
Carroll	...	...	...	...	...	...	...
Charles City	...	...	...	...	...	...	...
Charlotte	...	...	...	...	...	...	...
Chesterfield	560,583	597,262	408,820	316,280	240,735	165,962	155,962
Clarke	...	...	...	...	...	...	...
Craig	...	...	...	...	...	...	...
Culpeper	37,313	34,348	32,624	29,923	27,704	23,678	23,830
Cumberland	...	...	...	...	...	...	...
Dickenson	...	...	...	...	...	...	...
Dinwiddie	10,450	10,229	7,872	5,999	4,581	3,920	3,702
Essex	10,672	10,374	10,384	9,004	9,061	9,071	9,218
Fairfax	2,845,676	2,442,011	2,249,816	1,776,981	1,480,423	1,041,560	991,023
Fauquier	156,935	154,586	152,273	119,664	113,614	87,243	76,513
Floyd	...	...	...	...	...	...	...
Fluvanna	...	...	...	...	...	...	...
Franklin	36,892	34,839	30,225	29,962	26,497	24,014	17,322
Frederick	16,217	18,036	20,665	17,097	12,637	1,978	1,896
Giles	7,313	7,804	10,139	6,582	4,376	3,089	2,598
Gloucester	36,663	35,243	39,313	39,783	30,551	30,603	32,039
Goochland	...	...	...	...	...	...	...
Grayson	...	...	...	...	...	...	...
Greene	...	...	...	...	...	...	...
Greensville	...	...	...	...	...	...	...
Halifax	75,760	73,996	74,238	68,768	59,880	49,282	45,053
Hanover	145,590	138,233	125,868	106,084	91,073	77,027	73,103
Henrico	814,716	746,158	663,029	526,613	510,855	308,527	301,848
Henry	3,034	3,248	20,671	20,704	21,895	21,284	21,077
Highland	...	...	...	...	...	...	...
Isle of Wight	6,235	8,083	5,177	5,678	6,028	5,641	4,265
James City	22,242	20,356	19,684	17,337	16,944	15,038	14,446
King and Queen	...	...	...	...	...	...	...
King George	...	...	...	...	...	...	...
King William	13,746	13,413	11,072	9,192	9,552	7,385	6,452
Lancaster	9,308	9,811	9,504	10,232	10,107	8,370	7,546
Lee	8,086	6,542	4,755	2,751	3,357	2,911	2,179
Loudoun	77,982	75,272	73,427	58,773	50,207	36,060	44,520
Louisa	...	...	...	...	...	...	...
Lunenburg	...	...	...	...	...	...	...
Madison	...	...	...	...	...	...	...
Mathews	...	...	...	...	...	...	...
Mecklenburg	30,523	30,224	28,647	27,963	25,608	21,534	21,211
Middlesex	...	...	...	...	...	...	...
Montgomery	49,705	37,273	44,961	46,018	43,875	33,983	30,484
Nelson	...	...	...	...	...	...	...
New Kent	...	...	...	...	...	...	...
Northampton	14,626	11,971	10,104	8,340	2,341	8,045	7,889
Northumberland	...	...	...	...	...	...	...
Nottoway	9,830	10,095	9,635	6,935	4,926	1,195	877

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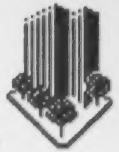


TABLE 6.9
Deposits in Savings and Loans for Virginia's
Counties and Cities: 1981-1987, *CONTINUED*

	1987	1986	1985	1984	1983	1982	1981
Orange	23,011	22,679	20,348	18,979	17,479	12,231	11,556
Page	25,961	26,987	28,304	21,879	19,005	15,556	13,907
Patrick	...	...	...	...	...	...	...
Pittsylvania	23,656	22,519	21,705	20,869	20,827	19,208	17,671
Powhatan	10,127	8,213	7,140	8,483	12,209	6,043	6,228
Prince Edward	47,538	45,513	43,395	37,498	33,706	25,508	25,732
Prince George	35,388	36,052	38,033	30,206	26,251	16,486	19,069
Prince William	207,021	207,883	194,734	149,864	181,228	121,660	113,938
Pulaski	46,023	41,367	39,962	38,855	37,294	30,971	43,424
Rappahannock	...	...	...	...	...	...	...
Richmond	7,260	6,722	7,457	8,295	7,907	6,944	5,405
Roanoke	213,390	217,095	182,369	143,881	132,101	98,599	97,179
Rockbridge	...	...	...	...	...	...	...
Rockingham	...	...	...	...	...	...	...
Russell	...	...	...	...	...	...	...
Scott	...	...	...	...	...	...	...
Shenandoah	15,020	11,863	7,390	...	...	...	...
Smyth	28,394	25,778	25,840	24,984	23,866	20,138	19,326
Southampton	...	...	...	...	...	...	...
Spotsylvania	11,880	11,295	12,509	15,422	18,005	16,518	13,224
Stafford	14,623	14,236	13,046	9,971	8,545	5,275	4,677
Surry	...	...	...	...	...	...	...
Sussex	...	...	...	...	...	...	...
Tazewell	41,475	44,221	42,453	31,813	26,845	21,820	16,933
Warren	54,050	53,659	50,028	43,050	39,274	29,072	24,354
Washington	21,701	22,223	23,613	23,300	22,417	16,774	15,201
Westmoreland	...	...	...	...	...	...	...
Wise	14,368	11,902	11,420	10,305	8,370	4,927	4,173
Wythe	40,263	79,568	89,303	90,210	47,016	26,244	22,166
York	33,767	35,483	32,812	25,515	25,224	16,584	13,427
Cities							
Alexandria	1,182,145	1,131,362	1,107,916	538,521	403,280	374,458	278,224
Bedford	...	...	...	...	...	...	...
Bristol	110,507	112,791	112,831	106,627	102,703	92,337	109,266
Buena Vista	...	...	...	...	...	...	...
Charlottesville	241,796	215,190	192,489	150,502	129,598	95,228	88,081
Chesapeake	129,936	127,276	128,420	134,195	119,551	108,751	103,463
Clifton Forge	20,550	22,979	24,253	20,727	18,364	13,954	12,370
Colonial Heights	101,044	99,247	94,184	78,531	49,224	53,464	50,990
Covington	9,261	12,985	15,756	14,409	10,653	5,422	4,367
Danville	122,626	122,010	120,784	119,658	119,186	106,873	108,479
Emporia	44,408	48,013	41,797	36,040	32,155	24,093	24,985
Fairfax	283,096	263,479	256,595	187,319	169,282	114,110	103,266
Falls Church	107,529	106,133	107,744	111,508	97,873	102,648	106,122
Franklin	13,550	13,538	13,263	12,800	13,081	10,052	12,273
Fredericksburg	325,408	309,744	280,644	231,456	201,017	172,094	165,127
Galax	9,961	10,156	10,980	8,090	5,444	3,142	974
Hampton	166,037	169,598	173,755	159,145	150,366	129,431	117,361
Harrisonburg	124,779	116,824	112,214	85,340	61,095	41,108	42,630
Hopewell	170,686	182,552	204,481	126,398	125,061	92,267	85,408
Lexington	17,262	21,323	25,388	24,117	20,697	16,849	14,743
Lynchburg	362,891	348,875	371,892	390,100	361,341	254,673	251,278
Manassas ¹	234,428	207,099	189,730	175,652	177,229	146,072	138,595
Manassas Park ¹	NA	NA	NA	NA	NA	NA	NA
Martinsville	55,258	55,175	36,378	35,762	33,272	30,475	28,930
Newport News	431,901	398,092	420,962	404,964	379,171	250,887	239,525
Norfolk	990,010	1,002,229	1,012,174	821,792	756,423	687,853	664,100
Norton	23,489	19,681	17,578	16,440	16,769	13,645	12,967
Petersburg	230,716	222,438	216,265	188,883	197,275	132,317	138,288

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TABLE 6.9
Deposits in Savings and Loans for Virginia's
Counties and Cities: 1981-1987, CONTINUED

	1987	1986	1985	1984	1983	1982	1981
Poquoson	...	...	...	...	...	...	...
Portsmouth	319,773	311,522	290,098	257,965	239,748	216,960	205,940
Radford	27,220	26,006	23,370	22,829	20,429	15,576	...
Richmond	1,319,522	1,193,684	1,264,940	1,147,709	1,133,791	914,615	893,096
Roanoke	405,570	368,311	362,637	346,628	327,049	289,561	282,245
Salem	65,718	70,194	69,140	65,290	60,511	48,299	44,044
South Boston	...	...	...	...	...	...	...
Staunton	113,526	103,861	102,219	99,990	100,567	96,270	91,273
Suffolk	98,622	99,969	96,279	84,186	82,058	86,414	86,878
Virginia Beach	1,245,183	1,188,765	1,139,474	876,562	714,824	466,084	359,809
Waynesboro	45,472	46,959	43,935	38,007	38,467	26,205	24,623
Williamsburg	51,400	49,302	47,061	42,260	45,893	37,012	38,336
Winchester	60,082	49,888	45,615	30,617	19,997	14,223	13,469
MSAs							
Bristol (Va. portion)	132,208	135,014	136,444	129,927	125,120	109,111	124,467
Charlottesville	342,287	322,736	286,379	219,150	193,447	147,277	137,760
Danville	146,292	144,529	142,489	140,527	140,013	126,081	126,150
Lynchburg	457,443	440,969	485,502	492,216	454,384	332,924	323,919
Norfolk	3,525,534	3,437,835	3,400,032	2,863,704	2,560,753	2,045,617	1,855,324
Northern Virginia	5,815,182	5,276,642	5,149,826	3,707,922	3,191,678	2,517,515	2,350,482
Richmond	3,398,822	3,234,068	3,030,632	2,535,186	2,391,055	1,770,628	1,727,694
Roanoke	693,677	663,961	621,461	563,107	528,962	442,485	428,724
Planning Districts							
LENOWISCO	45,943	38,125	33,753	29,496	28,496	21,483	19,319
Cumberland Plateau	52,937	55,073	52,637	40,940	34,357	25,690	19,872
Mount Rogers	210,826	250,516	262,567	253,211	201,446	158,635	166,933
New River Valley	130,261	112,450	118,432	114,284	105,974	83,619	76,506
Fifth	723,488	699,925	661,470	598,243	557,979	461,861	445,461
Central Shenandoah	301,039	288,967	283,756	247,454	220,826	180,432	173,269
Lord Fairfax	171,330	160,433	152,002	112,643	90,913	60,829	53,626
Northern Virginia	5,800,559	5,262,406	5,136,780	3,697,951	3,183,133	2,512,240	2,345,805
Rappahannock-Rapidan	217,259	211,613	205,245	168,566	158,797	123,152	111,899
Thomas Jefferson	342,287	322,736	286,379	219,150	193,447	147,277	137,760
Central Virginia	541,994	524,304	565,577	564,669	520,214	388,845	374,022
West Piedmont	241,466	237,791	229,763	226,955	221,677	201,854	193,479
Southside	106,283	104,220	102,885	96,731	85,488	70,816	66,264
Piedmont	57,368	55,608	53,030	44,433	38,632	26,703	26,609
Richmond Regional	2,850,538	2,683,550	2,469,797	2,105,169	1,988,663	1,472,174	1,430,237
RADCO	368,607	349,654	319,253	269,255	239,581	204,620	193,684
Northern Neck	16,568	16,533	16,961	18,527	18,014	15,314	12,951
Middle Peninsula	61,081	59,030	60,769	57,979	49,164	47,059	47,709
Crater	592,692	598,531	602,632	466,057	434,547	322,547	322,442
Southeastern Virginia	2,803,309	2,751,382	2,684,885	2,193,178	1,931,713	1,581,755	1,416,728
Peninsula	705,347	672,831	694,274	649,221	617,598	448,952	423,095
Accomack-Norhampton	31,704	26,233	21,303	18,315	17,020	16,286	15,981

SOURCES: Tayloe Murphy Institute, University of Virginia. *Branch Deposits Tracking Total Deposits 1981-1985*. Charlottesville, Virginia, 1986; Turner, Ann G. *Deposit Balances of Commercial Banks and Savings & Loan Institutions, 1986 and 1987*. Financial Institutions Data Exchange. Colgate Darden Graduate School of Business Administration, University of Virginia. Charlottesville, Virginia, annual.

NOTES: In thousands of dollars.

¹Data for Manassas City and Manassas Park City are combined and entered under Manassas City.

NA—Not available.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.



TABLE 6.10
Number of Life Insurance Companies and Average Life Insurance
in Force for the U.S., Virginia, and Surrounding States: 1984-1986

	Life Insurance Companies	Average Life Insurance In Force Per Family		
		1986	1985	1984
United States	2,250	\$69,100	\$63,400	\$58,700
Virginia	16	79,900	72,700	66,200
Delaware	68	103,300	99,400	89,600
District of Columbia	8	138,000	126,800	118,700
Florida	44	54,700	50,200	47,000
Georgia	30	77,500	71,000	64,500
Kentucky	16	55,300	51,500	46,600
Maryland	13	78,700	72,100	64,900
North Carolina	24	66,100	60,500	55,400
South Carolina	22	68,800	61,600	57,700
Tennessee	25	70,300	64,000	58,700
West Virginia	2	51,200	47,800	44,600

SOURCE: American Council of Life Insurance. 1987 *Life Insurance Fact Book Update*. Washington, D.C., annual.

NOTE: "Life Insurance Companies" as of mid-1986.

TABLE 6.11
Number of Life Insurance Policies in Force for
the U.S., Virginia, and Surrounding States: 1986

	Total	Ordinary	Group	Industrial	Credit
United States	390,719	143,247	135,157	41,597	70,718
Virginia	12,853	3,564	4,831	1,633	2,825
Delaware	1,415	469	509	135	302
District of Columbia	2,179	397	1,162	370	250
Florida	16,994	6,327	4,976	2,144	3,547
Georgia	12,434	4,428	3,403	2,277	2,326
Kentucky	6,145	2,325	1,612	1,098	1,110
Maryland	8,055	3,013	2,448	1,119	1,475
North Carolina	12,813	4,701	3,053	2,068	2,991
South Carolina	8,107	2,758	2,218	1,687	1,444
Tennessee	9,830	2,989	3,082	1,986	1,773
West Virginia	3,022	1,013	920	380	709

SOURCE: American Council of Life Insurance. 1987 *Life Insurance Fact Book Update*. Washington, D.C., annual.

NOTES: In thousands.

"Credit" life insurance is limited to life insurance on loans of 10 years' or less duration. Ordinary and group life insurance include credit life insurance on loans of more than 10 years' duration.

TABLE 6.12
Value of Life Insurance Policies in Force for the
U.S., Virginia, and Surrounding States: 1986

	Total	Ordinary	Group	Industrial	Credit
United States	\$6,720,279	\$3,658,203	\$2,801,049	\$27,168	\$233,859
Virginia	179,406	90,664	79,576	963	8,203
Delaware	26,137	10,464	13,972	97	1,604
District of Columbia	43,882	10,616	32,575	227	464
Florida	278,820	165,756	99,177	1,433	12,454
Georgia	182,425	102,861	70,277	1,401	7,886
Kentucky	79,462	44,282	31,220	649	3,311
Maryland	138,246	73,517	59,816	679	4,234
North Carolina	166,512	95,998	62,689	1,076	6,749
South Carolina	88,593	48,933	34,775	1,000	3,885
Tennessee	130,746	67,708	56,618	878	5,542
West Virginia	38,008	18,505	17,046	251	2,206

SOURCE: American Council of Life Insurance. 1987 *Life Insurance Fact Book Update*. Washington, D.C., annual.

NOTES: In millions of dollars.

"Credit" life insurance is limited to life insurance on loans of 10 years' or less duration. Ordinary and group life insurance include credit life insurance on loans of more than 10 years' duration.

TABLE 6.13
Life Insurance and Annuity Benefit Payments for
the U.S., Virginia, and Surrounding States: 1986

	Total	Death Payments	Matured Endowments	Annuity Payments	Disability Payments	Surrender Values	Policy & Contract Dividends
United States	\$68,305.0	\$19,478.8	\$766.7	\$20,095.1	\$539.8	\$14,740.7	\$12,683.9
Virginia	1,532.5	507.9	16.2	414.2	8.3	313.3	272.6
Delaware	280.5	79.4	2.6	112.6	4.6	39.1	42.2
District of Columbia	423.5	113.1	2.2	214.8	1.2	36.2	56.0
Florida	3,116.2	954.8	38.7	892.7	25.5	683.1	521.4
Georgia	1,299.9	523.0	16.0	216.0	12.5	295.1	237.3
Kentucky	793.1	222.7	9.4	244.1	8.0	167.9	141.0
Maryland	1,431.7	431.8	17.2	445.6	7.3	265.8	264.0
North Carolina	1,539.9	449.5	17.7	481.3	10.8	325.8	254.8
South Carolina	656.1	252.6	9.7	126.0	5.9	156.0	105.9
Tennessee	1,229.7	369.6	12.1	371.2	10.1	261.6	205.1
West Virginia	476.2	134.5	5.9	167.3	4.4	77.1	87.0

SOURCE: American Council of Life Insurance. 1987 *Life Insurance Fact Book Update*. Washington, D.C., annual.

NOTE: In millions of dollars.



TABLE 6.14
Mortgages Owned by Life Insurance Companies
for the U.S., Virginia, and Surrounding States: 1986

	Total	Farm	Non-Farm
United States	\$190,976,800	\$10,940,200	\$180,036,600
Virginia	5,976,400	31,600	5,935,800
Delaware	293,100	1,200	291,900
District of Columbia	3,064,000	...	3,064,000
Florida	10,893,000	601,300	10,291,700
Georgia	5,783,200	181,400	5,601,800
Kentucky	1,590,300	187,100	1,403,200
Maryland	4,039,900	19,400	4,020,500
North Carolina	3,497,900	55,700	3,442,200
South Carolina	1,530,000	25,100	1,504,900
Tennessee	2,658,700	52,000	2,606,700
West Virginia	208,300	9,000	199,300

SOURCE: American Council of Life Insurance. *1987 Life Insurance Fact Book Update*. Washington, D.C., annual.

NOTE: In thousands of dollars.

TABLE 6.15
Federally Owned Property in Virginia: 1983

	Installations	Land	Buildings		Value			
			Number	Floor Area	Total	Land	Buildings	Structures And Facilities
CIVIL AGENCIES:								
Agriculture Research Service	1	...	8	14,808	\$123	\$...	\$123	\$...
Bureau of Customs	1	282.0	6	34,151	1,267	2	931	334
Bureau of Prisons	1	1,140.7	50	359,043	7,520	193	5,641	1,686
Emergency Management Agency	1	383.0	62	743,703	37,390	74	30,969	6,347
Employment and Training Administration	1	0.4	6	64,100	238	...	238	...
Federal Aviation Administration	230	12,081.5	296	2,558,534	216,769	16,616	83,875	116,278
Federal Bureau of Investigation	1	...	11	464,588	20,480	...	20,480	...
Federal Highway Administration	3	68.8	3	178,000	10,596	732	9,448	416
Federal Prison Industrial Inc.	1	...	3	71,843	842	...	842	...
Fish and Wildlife Service	15	101,373.9	108	163,778	20,137	14,367	2,072	3,698
Forest Service	2	1,627,234.4	260	309,441	69,857	29,945	3,702	36,210

CONTINUED ➡

TABLE 6.15
Federally Owned Property in Virginia: 1983, *CONTINUED*

	Installations	Land	Buildings		Value			
			Number	Floor Area	Total	Land	Buildings	Structures And Facilities
General Services Administration	26	2,102.5	43	13,566,244	175,813	11,190	153,769	10,854
Geological Survey	2	187.4	21	46,035	1,176	13	1,094	67
Maritime Administration	1	...	15	16,863	855	...	245	610
Mine Safety and Health Administration	1	...	1	925	5	...	5	...
National Aeronautics and Space Administration	2	7,063.4	417	3,150,357	540,960	1,632	174,319	365,009
National Oceanic & Atmospheric Administration	6	419.2	45	95,092	3,548	244	2,287	1,017
National Park Service	22	289,424.9	741	1,257,001	174,755	51,594	25,859	97,302
Office of Education	3	...	7	272,783	5,448	...	5,448	...
Social Security Administration	2	1.4	2	9,373	1,057	47	1,010	...
Tennessee Valley Authority	8	1,604.5	...	...	6,113	2,698	...	3,415
U.S. Coast Guard	47	915.3	190	868,634	39,778	1,531	20,608	17,639
U.S. Postal Service	96	184.2	96	1,940,226	93,385	13,192	80,193	...
Veterans Administration	18	1,280.2	187	3,454,740	155,098	560	143,247	11,291
DEFENSE, MILITARY:								
Department of the Army	44	156,242.0	7,154	55,258,277	1,144,383	11,622	733,661	399,100
Department of the Navy	36	115,249.1	7,104	60,490,828	1,479,483	37,161	821,704	620,618
Department of the Air Force	7	3,340.0	908	5,059,261	126,329	2,906	74,674	48,749
DEFENSE, CIVIL:								
Corps of Engineers	15	108,487.6	398	418,246	180,313	16,086	19,455	144,772
TOTAL, ALL AGENCIES	593	2,429,066.4	18,142	151,066,874	4,513,718	212,405	2,415,901	1,885,412

SOURCE: U.S. General Services Administration, Office of Administration. *Detailed listing of real property owned by the United States and used by civil agencies throughout the world as of September 30, 1983.* U.S. Government Printing Office, Washington, D.C., 1984.

NOTES: "Land" in acres.
"Floor Area" in square feet.
"Value" in thousands of dollars.



Section 7: Forestry, Fisheries, and Minerals

This section brings together data on three of Virginia's major natural resources and the industries that extract and process them.

The information on forestry includes forest land area, sawtimber and growing stock, and employment and payroll in timber-based manufacturing industries. Detailed data on timberland in Virginia's counties and cities are taken from *Forest Statistics for Virginia, 1986*, a resource bulletin written by Mark J. Brown of the U.S. Department of Agriculture's Forest Service. This comprehensive report follows four previous Forest Service surveys conducted in 1940, 1957, 1966, and 1977, and may thus be used to assess long-term trends in the condition and use of Virginia's forest lands. Historical data on the state's production of forest products are available in a publication of the School of Forestry and Wildlife Resources at Virginia Polytechnic Institute and State University, *Virginia's Forest Products Industry* (1978). For national data and state-to-state comparisons, the U.S. Forest Service has published various reports, including *An Analysis of the Timber Situation in the United States, 1952-2030*; summaries of these data are presented in the *Statistical Abstract of the United States* by the Bureau of the Census. The Bureau of the Census also collects statistics on timber-based manufacturing industries in its *Census of Manufactures*, the most recent being for 1982.

Included in the data on fisheries are the quantity and value of catch (both by locality and by species), employment in fishing by locality, and employment in processing industries. The major source of information within the state is the Virginia Marine Resources Commission, which publishes an *Annual Report* and *Virginia Landings*, a compilation of current data on the quantity of catch by species. Nationally, the principal source is *Fisheries of the United States*, by the National Marine Fisheries Service (U.S. Department of Commerce).

For minerals, this section presents data on the value of production, employment in mineral industries and in mining, value added in mining, and mining industry wages. Additional detailed information on the production and use of coal, Virginia's most valuable mineral resource, will be found in Section 20 (Power and Energy), along with data on other fuels. Nationally, the main sources for data on minerals and mining are the *Minerals Yearbook* (Bureau of Mines, U.S. Department of the Interior) and the *Census of Mineral Industries*, conducted by the Bureau of the Census every five years. In addition, the Virginia Department of Mines, Minerals, and Energy collects and publishes data on mineral production in the Commonwealth.

CONCEPTS

GROWING STOCK

Growing stock refers to live sawtimber trees of commercial species containing at

least a 12-foot log, or two noncontiguous saw logs 8 feet or longer that meet certain other minimum grade requirements.

NET ANNUAL GROWTH

Net annual growth is the net change in merchantable volume for a specific year in the absence of cutting; in other words, gross growth minus the wood in trees that have died from natural causes during the year.

SAWTIMBER

For softwoods, sawtimber trees are those having a trunk diameter of 9 inches or more at breast height (4.5 feet above the ground); for hardwoods, sawtimber trees are those with a trunk diameter of 11 inches or more.

TIMBERLAND

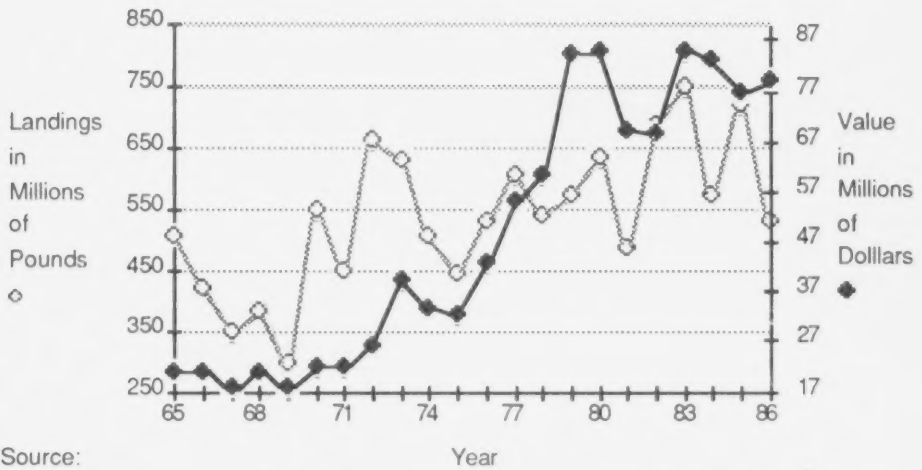
Timberland is defined as "land at least 16.7 percent stocked by forest trees of any size, or formerly having had such tree cover...capable of producing 20 cubic feet of industrial wood per acre per year and not withdrawn from timber utilization by legislative action."

VALUE ADDED IN MINING

In mining, value added is somewhat different from value added in other industries. Value added in mining is computed by subtracting the cost of supplies, purchased fuels and electricity, contract work, and purchased machinery installed from the value of shipments and receipts plus capital expenditures. This means, in effect, that the major components of value added in mining are labor and depreciation on machinery.

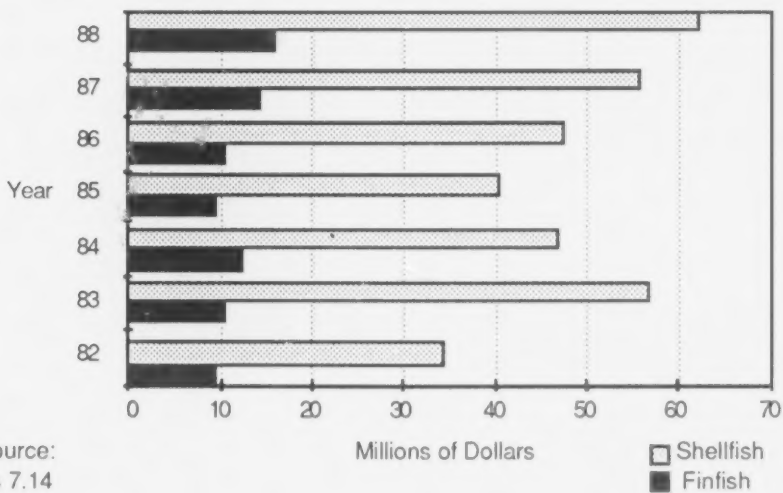


Figure 7.1
Total Marine Landings and Value: 1965–1986



Source:
Table 7.11

Figure 7.2
Value of Finfish and Shellfish Landings, Virginia: 1982–1988



Source:
Tables 7.14
7.16

TABLE 7.1
Forest Land Area and Commercial Area Ownership
for the U.S., Virginia, and Surrounding States: 1987

	Total Forest Area	Commercial Timberland Ownership			
		Total	Federally Owned Or Managed	State, County, Municipal	Private
United States	727,921	483,072	102,295	33,722	347,055
Virginia	15,968	15,435	1,707	286	13,442
Delaware	398	399	...	14	374
District of Columbia	...	...	...	...	...
Florida	16,721	15,238	1,583	583	13,072
Georgia	23,907	23,384	1,421	188	21,775
Kentucky	12,256	11,909	856	34	11,019
Maryland	2,632	2,462	22	258	2,182
North Carolina	18,891	18,358	1,418	412	16,528
South Carolina	12,257	12,179	914	260	11,005
Tennessee	13,258	12,840	958	402	11,480
West Virginia	11,942	11,799	1,070	250	10,479

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Total Forest Area" in thousands of acres.
 "Commercial Timberland Ownership" in thousands of acres. Commercial timberland is forest land which is producing or is capable of producing crops of industrial wood and not withdrawn from timber utilization by statute or administrative regulation. Areas qualifying as commercial timberland have the capability of producing in excess of 20 cubic feet per acre per year of industrial wood in natural stands. Currently inaccessible and inoperable areas are included.

TABLE 7.2
National Forest Lands for the U.S., Virginia,
and Surrounding States: 1986 and 1987

	1987			1986		
	Gross Area Within Unit Boundaries	National Forest System Lands	Other Lands Within Unit Boundaries	Gross Area Within Unit Boundaries	National Forest System Lands	Other Lands Within Unit Boundaries
United States	230,220	190,830	39,390	230,007	190,832	39,175
Virginia	3,226	1,638	1,588	3,226	1,637	1,588
Delaware	...	...	...	...	...	...
District of Columbia	...	...	...	...	...	...
Florida	1,224	1,100	125	1,224	1,100	125
Georgia	1,855	867	988	1,855	867	989
Kentucky	2,102	665	1,438	2,102	681	1,421

CONTINUED ➡



TABLE 7.2
National Forest Lands for the U.S., Virginia, and
Surrounding States: 1986 and 1987, *CONTINUED*

	1987			1986		
	Gross Area Within Unit Boundaries	National Forest System Lands	Other Lands Within Unit Boundaries	Gross Area Within Unit Boundaries	National Forest System Lands	Other Lands Within Unit Boundaries
Maryland	...	...	...	...	...	...
North Carolina	3,165	1,220	1,946	3,165	1,219	1,947
South Carolina	1,376	606	769	1,382	611	770
Tennessee	1,212	626	586	1,212	626	586
West Virginia	1,861	1003	858	1,861	978	883

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States*, 1989. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In thousands of acres.

"Gross Area Within Unit Boundaries" comprises all publicly and privately owned land within authorized boundaries of national forests, purchase units, national grasslands, and land utilization projects (research and experimental areas, and other areas).

TABLE 7.3
Federally Owned Land in the U.S., Virginia,
and Surrounding States: Fiscal Year 1986

	Total Acreage of State	Acreage Owned by the Federal Government			Percent Owned by Federal Government
		Total	Public Domain	Other	
United States	2,271,343	727,113	662,705	64,408	32.0%
Virginia	25,496	2,455	...	2,455	9.6
Delaware	1,266	30	...	30	2.4
District of Columbia	39	11	...	11	27.8
Florida	34,721	4,280	389	3,891	12.3
Georgia	37,295	2,299	...	2,299	6.2
Kentucky	25,512	1,401	...	1,401	5.5
Maryland	6,319	197	...	197	3.1
North Carolina	31,403	2,219	...	2,219	7.1
South Carolina	19,374	1,169	...	1,169	6.0
Tennessee	26,728	1,988	...	1,988	7.4
West Virginia	15,411	1,165	...	1,165	7.6

SOURCE: U.S. Department of the Interior, Bureau of Land Management. *Public Land Statistics 1987*. U.S. Government Printing Office, Washington D.C., annual.

NOTES: In thousands of acres.

"Percent Owned by Federal Government" excludes trust properties.

TABLE 7.4
Sawtimber and Growing Stock for the U.S.,
Virginia, and Surrounding States: 1987

	Sawtimber Net Volume		Growing Stock Net Volume	
	Total	Softwood	Total	Softwood
United States	2,823,246	2,025,957	754,916	449,977
Virginia	67,037	17,486	22,954	5,898
Delaware	1,774	523	641	172
Florida	40,532	25,677	13,835	8,735
Georgia	92,311	52,894	30,694	16,097
Kentucky	34,145	2,463	14,610	1,110
Maryland	13,410	2,250	4,490	805
North Carolina	91,881	38,950	28,952	11,241
South Carolina	60,781	34,080	17,732	8,835
Tennessee	43,456	8,661	14,292	2,710
West Virginia	32,825	2,755	15,837	1,060

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Sawtimber Net Volume" in millions of board feet.
"Growing Stock Net Volume" in millions of cubic feet.

TABLE 7.5
Area by Land Class for Virginia's Counties and Cities: 1986

	All Land	Forest Land				Nonforest Land
		Total	Timberland	Woodland	Reserved Timberland	
Virginia	25,409,849	15,968,441	15,435,836	61,417	471,188	9,441,408
Counties						
Accomack	304,435	104,715	102,592	2,123	...	199,720
Albemarle	470,829	290,860	275,629	...	15,231	179,969
Alleghany	290,317	251,501	249,379	2,021	101	38,816
Amelia	228,410	167,507	167,378	...	129	60,903
Amherst	306,246	221,538	219,671	...	1,867	84,708
Appomattox	215,078	155,856	155,176	...	680	59,222
Arlington	16,614	...	...	...	...	16,614
Augusta	643,097	345,921	297,003	16,681	32,237	297,176
Bath	343,651	302,052	291,651	6,246	4,155	41,599
Bedford	482,618	287,093	281,061	...	6,032	195,525
Bland	229,446	178,055	172,081	394	5,580	51,391
Botetourt	348,550	245,026	235,918	5,492	3,616	103,524
Brunswick	360,460	287,198	287,198	...	...	73,262
Buchanan	322,355	287,004	287,004	...	...	35,351
Buckingham	373,401	299,235	299,235	...	...	74,166
Campbell	355,040	208,415	208,415	...	...	146,625
Caroline	342,695	262,658	262,658	...	...	80,037
Carroll	308,777	164,004	162,551	...	1,453	144,773
Charles City	116,128	86,139	85,984	...	155	29,989
Charlotte	304,960	214,857	214,857	...	...	90,103
Chesterfield	304,448	193,898	190,035	...	3,863	110,550
Clarke	114,138	40,601	39,279	...	1,322	73,537

CONTINUED ➡



TABLE 7.5
Area by Land Class for Virginia's Counties and Cities: 1986, *CONTINUED*

		Forest Land				
	All Land	Total	Timberland	Woodland	Reserved Timberland	Nonforest Land
Craig	211,085	175,307	173,085	13	2,209	35,778
Culpeper	244,480	106,997	106,997	...	...	137,483
Cumberland	191,712	135,560	135,560	...	...	56,152
Dickenson	212,077	186,145	182,405	...	3,740	25,932
Dinwiddie	337,213	239,824	239,104	...	720	97,389
Essex	168,051	95,625	95,625	...	...	72,426
Fairfax	266,592	99,337	78,855	...	20,482	167,255
Fauquier	416,570	180,056	180,056	...	...	236,514
Floyd	243,981	134,179	131,487	...	2,692	109,802
Fluvanna	185,510	132,590	132,590	...	...	52,920
Franklin	437,248	286,692	282,572	...	4,120	150,556
Frederick	271,532	130,947	130,606	341	...	140,585
Giles	231,654	176,181	165,781	...	10,400	55,473
Gloucester	144,122	99,488	99,488	...	...	44,634
Goochland	180,032	123,054	123,054	...	...	56,978
Grayson	287,582	161,648	149,318	...	12,330	125,934
Greene	100,371	64,253	49,387	...	14,866	36,118
Greensville	193,779	139,144	139,144	...	...	54,635
Halifax	525,818	348,892	347,578	...	1,314	176,926
Hanover	299,155	184,587	184,368	...	219	114,568
Henrico	169,210	66,929	66,721	...	208	102,281
Henry	251,712	178,116	175,769	...	2,347	73,596
Highland	266,112	195,822	194,889	933	...	70,290
Isle of Wight	204,454	117,676	117,326	...	350	86,778
James City	101,293	64,104	59,954	...	4,150	37,189
King and Queen	202,982	153,245	153,245	...	...	49,737
King George	115,245	73,029	70,322	...	2,707	42,216
King William	177,766	113,537	113,537	...	...	64,229
Lancaster	85,043	52,896	52,896	...	...	32,147
Lee	279,974	156,526	148,685	315	7,526	123,448
Loudoun	333,498	101,055	100,175	...	880	232,443
Louisa	317,805	232,229	232,229	...	...	85,576
Lunenburg	276,627	208,183	208,183	...	...	68,444
Madison	205,913	118,289	86,037	...	32,252	67,624
Mathews	55,776	35,237	35,237	...	...	20,539
Mecklenburg	394,330	262,562	259,926	...	2,636	131,768
Middlesex	85,728	51,470	51,470	...	...	34,258
Montgomery	254,074	146,183	146,000	183	...	107,891
Nelson	303,590	223,672	222,224	...	1,448	79,918
New Kent	136,256	102,268	102,268	...	...	33,988
Northampton	144,602	29,932	29,316	616	...	114,670
Northumberland	118,106	67,888	67,888	...	...	50,218
Nottoway	202,502	140,994	140,994	...	...	61,508
Orange	218,822	120,565	120,165	...	400	98,257
Page	200,346	120,991	81,161	2,644	37,186	79,355
Patrick	307,885	225,130	217,454	...	7,676	82,755
Pittsylvania	647,731	400,638	400,638	...	...	247,093
Powhatan	167,162	127,998	127,998	...	...	39,164
Prince Edward	226,253	160,816	160,816	...	...	65,437
Prince George	178,537	119,262	118,282	...	980	59,275
Prince William	223,591	121,061	100,742	...	20,319	102,530
Pulaski	203,661	117,241	116,929	...	312	86,420
Rappahannock	170,970	105,446	73,707	...	31,739	65,524
Richmond	123,335	76,818	76,818	...	...	46,517
Roanoke	197,472	102,107	99,622	...	2,485	95,365
Rockbridge	389,382	243,783	234,494	2,276	7,013	145,599

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TABLE 7.5
Area by Land Class for Virginia's Counties and Cities: 1986, *CONTINUED*

	All Land	Forest Land				Nonforest Land
		Total	Timberland	Woodland	Reserved Timberland	
Rockingham	557,376	308,742	256,501	12,258	39,983	248,634
Russell	306,560	166,872	166,872	...	...	139,688
Scott	342,668	229,142	227,435	122	1,585	113,526
Shenandoah	327,833	185,674	177,799	7,872	3	142,159
Smyth	289,325	172,534	168,540	90	3,904	116,791
Southampton	388,307	241,634	241,582	...	52	146,673
Spotsylvania	262,471	184,537	177,890	...	6,647	77,934
Stafford	173,510	120,200	120,200	...	...	53,310
Surry	180,058	124,910	123,970	...	940	55,148
Sussex	314,490	250,306	250,306	...	...	64,184
Tazewell	332,832	207,118	200,743	...	6,375	125,714
Warren	139,053	79,845	65,307	676	13,862	59,208
Washington	367,366	194,164	194,079	...	85	173,202
Westmoreland	145,049	76,613	75,076	...	1,537	68,436
Wise	263,417	190,561	190,140	121	300	72,856
Wythe	297,312	145,345	141,945	...	3,400	151,967
York	83,277	34,510	31,048	...	3,462	48,767
Cities						
Alexandria	...	...	...	...	...	...
Bedford	...	...	...	...	...	...
Bristol	...	...	...	...	...	...
Buena Vista	...	...	...	...	...	...
Charlottesville	...	...	...	...	...	...
Chesapeake	270,655	115,140	73,545	...	41,595	155,515
Clifton Forge	...	...	...	...	...	...
Colonial Heights	...	...	...	...	...	...
Covington	...	...	...	...	...	...
Danville	...	...	...	...	...	...
Emporia	...	...	...	...	...	...
Fairfax	...	...	...	...	...	...
Falls Church	...	...	...	...	...	...
Franklin	...	...	...	...	...	...
Fredericksburg	...	...	...	...	...	...
Galax	...	...	...	...	...	...
Hampton	32,832	6,334	6,334	...	...	26,498
Harrisonburg	...	...	...	...	...	...
Hopewell	...	...	...	...	...	...
Lexington	...	...	...	...	...	...
Lynchburg	...	...	...	...	...	...
Manassas	...	...	...	...	...	...
Manassas Park	...	...	...	...	...	...
Martinsville	...	...	...	...	...	...
Newport News	41,792	10,908	10,695	...	213	30,884
Norfolk	...	...	...	...	...	...
Norton	...	...	...	...	...	...
Petersburg	...	...	...	...	...	...
Poquoson	...	...	...	...	...	...
Portsmouth	...	...	...	...	...	...
Radford	...	...	...	...	...	...
Richmond	...	...	...	...	...	...
Roanoke	...	...	...	...	...	...
Salem	...	...	...	...	...	...
South Boston	...	...	...	...	...	...
Staunton	...	...	...	...	...	...
Suffolk	261,869	147,230	114,732	...	32,498	114,639
Virginia Beach	163,795	47,785	45,165	...	2,620	116,010

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TABLE 7.5
Area by Land Class for Virginia's Counties and Cities: 1986, *CONTINUED*

	Forest Land					Nonforest Land
	All Land	Total	Timberland	Woodland	Reserved Timberland	
Waynesboro						---
Williamsburg						---
Winchester						---
MSAs						
Bristol (Va. portion)	710,094	423,306	421,514	122	1,670	286,728
Charlottesville	756,710	487,703	457,606	---	30,097	269,007
Danville	947,731	400,638	400,638	---	---	247,093
Lynchburg	661,266	429,953	428,086	---	1,867	231,333
Norfolk	1,099,635	525,499	440,961	---	84,538	574,136
Northern Virginia	1,013,805	441,653	399,972	---	41,681	572,152
Richmond	1,888,141	1,243,959	1,237,814	---	6,145	644,182
Roanoke	546,022	347,133	335,540	5,492	6,101	198,889
Planning Districts						
LENOWISCO	886,059	576,229	566,260	558	9,411	309,830
Cumberland Plateau	1,173,824	847,139	837,024	---	10,115	326,685
Mount Rogers	1,779,808	1,015,750	988,514	484	26,752	764,058
New River Valley	933,370	573,784	560,197	183	13,404	359,586
Fifth	1,047,424	773,941	758,004	7,526	8,411	273,483
Central Shenandoah	2,199,618	1,396,320	1,274,538	38,394	83,388	803,298
Lord Fairfax	1,052,902	558,058	494,152	11,533	52,373	494,844
Northern Virginia	840,295	321,453	279,772	---	41,681	518,842
Rappahannock Rapidan	1,256,755	631,353	566,962	---	64,391	625,402
Thomas Jefferson	1,378,105	943,604	912,059	---	31,545	434,501
Central Virginia	1,358,982	872,902	864,323	---	8,579	486,080
West Piedmont	1,644,576	1,090,576	1,076,433	---	14,143	554,000
Southside	1,280,608	898,652	894,702	---	3,950	381,956
Piedmont	1,803,865	1,327,152	1,327,023	---	129	476,713
Richmond Regional	1,372,391	884,873	880,428	---	4,445	487,518
RADCO	893,921	640,424	631,070	---	9,354	253,497
Northern Neck	471,533	274,215	272,678	---	1,537	197,318
Middle Peninsula	834,425	548,602	548,602	---	---	285,823
Crater	1,204,077	873,446	870,806	---	2,640	330,631
Southeastern Virginia	1,289,080	669,465	592,350	---	77,115	619,615
Peninsula	259,194	115,856	108,031	---	7,825	143,338
Accomack-Norhampton	449,037	134,647	131,908	2,739	---	314,390

SOURCE: Brown, Mark J. *Forest Statistics for Virginia, 1986*. Resource Bulletin SE-87, U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station, Asheville, North Carolina, 1986.

NOTES: In acres.
 "All Land" data from Census Bureau, circa 1980.
 "Nonforest Land" includes 163,803 acres of water according to Forest survey standards, but defined by the Census Bureau as land.
 A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
 A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 7.6A
Area of Timberland by Ownership Class
for Virginia's Counties and Cities: 1986

	All Ownership Classes	Ownership Class			
		National Forest	Other Federal	State	County & Municipal
Virginia	15,435,636	1,486,459	221,410	209,087	77,104
Counties					
Accomack	102,592	...	1,300	325	140
Albemarle	275,629	...	...	853	2,888
Alleghany	249,379	138,460	2,000	145	215
Amelia	167,378	...	...	1,503	467
Amherst	219,671	55,226	...	55	1,157
Appomattox	155,176	...	...	9,916	290
Arlington	...	...	...	...	...
Augusta	297,003	156,253	...	11,620	463
Bath	291,651	171,395	...	9,805	199
Bedford	281,061	18,012	...	25	1,953
Bland	172,081	64,289	...	660	...
Botetourt	235,918	69,694	...	10	6,910
Brunswick	287,198	...	5,590	644	365
Buchanan	287,004	...	...	46	55
Buckingham	299,235	...	...	12,825	115
Campbell	208,415	...	...	25	614
Caroline	262,658	...	57,391	879	259
Carroll	162,551	3,837	...	1,346	470
Charles City	85,984	...	...	4,750	41
Charlotte	214,857	...	1,835	...	344
Chesterfield	190,035	...	1,113	5,000	425
Clarke	39,279	...	...	84	182
Craig	173,085	112,130	...	...	...
Culpeper	106,997	...	...	343	280
Cumberland	135,560	...	...	16,066	7
Dickenson	182,405	8,082	6,197	...	...
Dinwiddie	239,104	...	7,300	679	315
Dorset	95,625	...	109	...	388
Fairfax	78,855	...	7,836	2,812	1,970
Fauquier	180,056	...	3,475	4,423	607
Floyd	131,487	...	...	54	46
Fluvanna	132,590	...	...	928	90
Franklin	282,572	...	2,555	158	328
Frederick	130,606	4,491	...	43	229
Giles	165,781	51,221	...	182	248
Gloucester	99,488	...	...	100	104
Goochland	123,054	...	...	10	185
Grayson	149,318	21,549	...	...	190
Greene	49,387	...	...	1,169	115
Greensville	139,144	...	...	...	277
Halifax	347,578	...	10,218	25	220
Hanover	164,368	...	...	1,120	601
Henrico	66,721	...	20	2,290	568
Henry	175,769	...	893	412	566
Highland	194,889	56,498	...	13,438	290
Isle of Wight	117,326	...	...	10	840
James City	59,954	...	1,730	850	2,127
King and Queen	153,245	...	...	320	350
King George	70,322	...	1,401	223	209
King William	113,537	...	460	...	17
Lancaster	52,896	...	...	...	499
Lee	148,685	11,229	...	...	20

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TABLE 7.6A

Area of Timberland by Ownership Class for Virginia's
Counties and Cities: 1986, *CONTINUED*

	All Ownership Classes	Ownership Class			
		National Forest	Other Federal	State	County & Municipal
Loudoun	100,175	...	5,962	83	1,136
Louisa	232,229	...	...	241	493
Lunenburg	208,183	...	...	...	505
Madison	86,037	...	...	8,204	10
Mathews	35,237	...	...	16	5
Mecklenburg	259,926	...	23,680	269	242
Middlesex	51,470	...	...	5	25
Montgomery	146,000	18,858	1,025	960	816
Nelson	222,224	15,248	...	848	95
New Kent	102,268	...	...	411	200
Northampton	29,316	...	50	...	...
Northumberland	67,888	...	...	...	212
Nottoway	140,994	...	14,489	336	488
Orange	120,165	...	...	20	190
Page	81,161	23,826	...	45	40
Patrick	217,454	...	1,948	5,927	4,425
Pittsylvania	400,638	...	...	1,715	1,369
Powhatan	127,998	...	...	6,853	275
Prince Edward	160,816	...	...	9,621	851
Prince George	118,282	...	2,180	175	125
Prince William	100,742	...	11,751	300	1,205
Pulaski	116,929	19,092	1,404	10	2,405
Rappahannock	73,707	...	...	...	...
Richmond	76,818	...	...	235	30
Roanoke	99,622	3,006	53	7,614	5,207
Rockbridge	234,494	57,172	...	23,576	1,206
Rockingham	256,501	124,930	...	217	92
Russell	166,872	...	...	5,718	140
Scott	227,435	32,630	...	...	184
Shenandoah	177,799	69,631	...	45	175
Smyth	168,540	68,444	...	10,000	295
Southampton	241,582	...	...	1,700	30
Spotsylvania	177,890	...	...	60	2,358
Stafford	120,200	...	21,876	120	2,011
Surry	123,970	...	...	1,697	85
Sussex	250,306	...	...	30	190
Tazewell	200,743	2,101	...	4,641	87
Warren	65,307	5,362	1,736	285	414
Washington	194,079	19,262	74	9,263	74
Westmoreland	75,076	...	...	...	120
Wise	190,140	33,807	4,200	15	3,508
Wythe	141,945	50,724	109	150	1,924
York	31,048	...	13,186	360	6,474
Cities					
Alexandria	...	...	...	...	...
Bedford	...	...	...	...	...
Bristol	...	...	...	...	...
Buena Vista	...	...	...	...	...
Charlottesville	...	...	...	...	...
Chesapeake	73,545	...	1,533	170	1,865
Clifton Forge	...	...	...	...	...
Colonial Heights	...	...	...	...	...
Covington	...	...	...	...	...
Danville	...	...	...	...	...

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TABLE 7.6A
Area of Timberland by Ownership Class for Virginia's
Counties and Cities: 1986, *CONTINUED*

	All Ownership Classes	Ownership Class			
		National Forest	Other Federal	State	County & Municipal
Emporia	...	...	...	...	...
Fairfax	...	...	...	...	...
Falls Church	...	...	...	...	...
Franklin	...	...	...	...	...
Fredericksburg	...	...	...	...	...
Galax	...	...	...	...	...
Hampton	6,334	...	100	49	5
Harrisonburg	...	...	...	...	...
Hopewell	...	...	...	...	...
Lexington	...	...	...	...	...
Lynchburg	...	...	...	...	...
Manassas	...	...	...	...	...
Manassas Park	...	...	...	...	...
Martinsville	...	...	...	...	...
Newport News	10,695	...	2,752	5	2,972
Norfolk	...	...	...	...	...
Norton	...	...	...	...	...
Petersburg	...	...	...	...	...
Poquoson	...	...	...	...	...
Portsmouth	...	...	...	...	...
Radford	...	...	...	...	...
Richmond	...	...	...	...	...
Roanoke	...	...	...	...	...
Salem	...	...	...	...	...
South Boston	...	...	...	...	...
Staunton	...	...	...	...	...
Suffolk	114,732	...	...	302	2,482
Virginia Beach	45,165	...	1,877	625	826
Waynesboro	...	...	...	...	...
Williamsburg	...	...	...	...	...
Winchester	...	...	...	...	...
MSAs					
Bristol (Va. portion)	421,514	51,892	74	9,263	258
Charlottesville	457,606	...	...	2,950	3,093
Danville	400,638	...	...	1,715	1,369
Lynchburg	428,086	55,226	...	80	1,771
Norfolk	440,961	...	21,178	2,461	16,855
Northern Virginia	399,972	...	47,425	3,315	6,322
Richmond	1,237,814	...	10,613	21,288	2,735
Roanoke	335,540	72,700	53	7,624	12,117
Planning Districts					
LENOWISCO	566,260	77,666	4,200	15	3,712
Cumberland Plateau	837,024	10,183	6,197	10,405	282
Mount Rogers	988,514	228,105	183	21,419	2,953
New River Valley	560,197	89,171	2,429	1,206	3,515
Fifth	758,004	323,290	2,053	7,769	12,332
Central Shenandoah	1,274,538	566,248	...	58,656	2,250
Lord Fairfax	494,152	103,310	1,738	502	1,040
Northern Virginia	279,772	...	25,549	3,195	4,311
Rappahannock-Rapidan	566,962	...	3,475	12,990	1,087
Thomas Jefferson	912,059	15,248	...	4,039	3,681
Central Virginia	864,323	73,238	...	10,021	4,014
West Piedmont	1,076,433	...	5,996	8,212	6,688
Southside	894,702	...	39,488	938	827
Piedmont	1,327,023	...	16,324	40,351	2,777

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TABLE 7.6A
Area of Timberland by Ownership Class for Virginia's
Counties and Cities: 1986, *CONTINUED*

	All Ownership Classes	Ownership Class			
		National Forest	Other Federal	State	County & Municipal
Richmond Regional	880,428		1,133	20,434	2,295
RADCO	631,070		80,668	1,282	4,837
Northern Neck	272,678			235	861
Middle Peninsula	548,602		569	441	889
Crater	870,806		9,480	2,581	992
Southeastern Virginia	592,350		3,410	2,807	6,043
Peninsula	108,031		17,768	1,264	11,578
Accomack-Norhampton	131,908		1,350	325	140

SOURCE: Brown, Mark J. *Forest Statistics for Virginia, 1986*. Resource Bulletin SE-87, U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station, Asheville, North Carolina, 1986.

NOTES: in acres.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 7.6B
Area of Timberland by Ownership Class for
Virginia's Counties and Cities: 1986, *Continued*

	Forest Industry	Ownership Class		
		Farmer	Other Private	
			Corporate	Individual
Virginia	1,853,249	4,163,959	1,277,125	6,147,443
Counties				
Accomack	11,538	32,469	21,646	35,174
Albemarle	22,363	74,857	42,776	131,892
Alleghany	8,565	14,285	23,808	61,901
Amelia	48,993	61,845	3,638	50,932
Amherst	22,990	44,759	14,919	80,565
Appomattox	40,411	33,459	8,365	62,735
Arlington	...	...	...	...
Augusta	...	33,358	19,062	76,247
Bath	450	31,878	24,794	53,130
Bedford	33,683	69,205	13,182	145,001
Bland	9,408	72,007	...	25,717
Botetourt	40,346	32,816	20,510	65,632
Brunswick	86,047	62,943	5,722	125,887
Buchanan	22,524	37,768	94,421	132,190
Buckingham	89,468	28,118	17,574	151,135
Campbell	36,945	51,992	22,282	96,557
Caroline	21,479	52,186	10,437	120,027
Carroll	6,632	83,972	4,420	61,874
Charles City	22,441	13,989	...	44,763

CONTINUED ➡

TABLE 7.6B

Area of Timberland by Ownership Class for
Virginia's Counties and Cities: 1986, *CONTINUED*

	Ownership Class			
	Forest Industry	Farmer	Other Private	
			Corporate	Individual
Charlotte	55,418	85,005	8,501	63,754
Chesterfield	37,948	16,477	38,447	90,625
Clarke	5	4,334	...	34,674
Craig	...	30,477	4,354	26,124
Culpeper	7,947	50,801	6,350	41,276
Cumberland	29,497	35,213	11,738	43,039
Dickenson	408	19,168	81,463	67,087
Dinwiddie	72,080	56,689	5,669	96,372
Essex	14,263	29,111	9,704	42,050
Fairfax	...	3,154	12,617	50,466
Fauquier	3,683	76,939	24,481	66,448
Floyd	3,463	54,824	4,569	68,531
Fluvanna	18,276	34,860	21,788	56,648
Franklin	14,324	94,717	11,366	159,124
Frederick	375	54,892	23,525	47,051
Giles	5,728	28,279	14,139	65,984
Gloucester	10,993	11,036	2,759	74,496
Goochland	14,813	15,889	3,178	88,979
Grayson	4,093	53,511	8,232	61,743
Greene	493	17,004	...	30,606
Greensville	48,920	42,475	...	47,472
Halifax	41,326	215,452	7,303	73,034
Hanover	19,225	48,740	11,844	103,214
Henrico	3,008	8,691	20,278	31,866
Henry	21,885	24,002	16,001	112,010
Highland	13,906	45,310	...	65,447
Isle of Wight	25,850	62,305	2,832	25,489
James City	5,890	7,050	10,577	31,730
King and Queen	57,733	29,807	2,710	62,325
King George	995	7,787	10,384	49,323
King William	28,410	26,604	7,256	50,790
Lancaster	8,523	4,388	4,387	35,099
Lee	78	45,786	18,314	73,258
Loudoun	...	41,330	10,333	41,331
Louisa	22,973	41,705	23,169	143,648
Lunenburg	53,695	56,565	6,285	91,133
Madison	4,029	40,587	...	33,207
Mathews	7,516	5,036	...	22,664
Mecklenburg	27,840	118,797	4,243	84,855
Middlesex	5,283	13,188	...	32,969
Montgomery	4,116	15,028	20,038	85,159
Nelson	44,758	48,039	13,726	99,510
New Kent	29,927	13,794	8,277	49,659
Northampton	163	7,276	2,425	19,402
Northumberland	13,620	22,760	...	31,296
Nottoway	24,543	48,371	4,397	48,370
Orange	10,749	44,365	3,413	61,428
Page	60	23,549	...	33,641
Patrick	19,340	72,868	7,287	105,659
Pittsylvania	58,254	263,053	19,062	57,185
Powhatan	19,050	19,581	...	82,239
Prince Edward	23,806	57,517	7,669	61,352
Prince George	36,991	30,508	10,169	38,134

CONTINUED ➡



TABLE 7.6B
Area of Timberland by Ownership Class for
Virginia's Counties and Cities: 1986, *CONTINUED*

	Ownership Class			
	Forest Industry	Other Private		
		Farmer	Corporate	Individual
Prince William		24,996	20,830	41,660
Pulaski	548	11,684	35,051	46,735
Rappahannock	20	30,145	3,349	40,193
Richmond	15,848	26,016	2,891	31,798
Roanoke	7,098	22,542	9,017	45,085
Rockbridge	16,338	34,051	4,256	97,895
Rockingham	748	18,645	27,967	83,902
Russell	58	75,744	33,138	52,074
Scott	516	107,269	5,108	81,728
Shenandoah		25,907	4,318	77,723
Smyth		51,990		37,811
Southampton	64,560	125,991	5,478	43,823
Spotsylvania	37,089	30,752	11,532	96,099
Stafford	2,029	22,729	16,235	55,200
Surry	49,596	42,150		30,442
Sussex	103,767	67,934	2,613	75,772
Tazewell	928	62,590	57,374	73,022
Warren	557	26,285	8,762	21,904
Washington		60,648	5,514	99,244
Westmoreland	5,558	19,144	4,786	45,468
Wise		9,588	76,702	62,320
Wythe	7,215	38,505	4,813	38,505
York	29		1,833	9,166
Cities				
Alexandria				...
Bedford				...
Bristol				...
Buena Vista				...
Charlottesville				...
Chesapeake	7,012	13,688	27,376	21,901
Clifton Forge				...
Colonial Heights				...
Covington				...
Danville				...
Emporia				...
Fairfax				...
Falls Church				...
Franklin				...
Fredericksburg				...
Galax				...
Hampton				6,180
Harrisonburg				...
Hopewell				...
Lexington				...
Lynchburg				...
Manassas				...
Manassas Park				...
Martinsville				...
Newport News			2,483	2,483
Norfolk				...
Norton				...
Petersburg				...
Poquoson				...

CONTINUED ➡

TABLE 7.6B

Area of Timberland by Ownership Class for
Virginia's Counties and Cities: 1986, *CONTINUED*

	Ownership Class			
	Forest Industry	Other Private		
		Farmer	Corporate	Individual
Portsmouth				
Radford				
Richmond				
Roanoke				
Salem				
South Boston				
Staunton				
Suffolk	33,183	51,760	2,250	24,755
Virginia Beach		6,606	11,010	24,221
Waynesboro				
Williamsburg				
Winchester				
MSAs				
Bristol (Va. portion)	516	167,917	10,622	180,972
Charlottesville	41,132	126,721	64,564	219,146
Danville	58,254	263,053	19,062	57,185
Lynchburg	59,935	96,751	37,201	177,122
Norfolk	57,107	90,140	58,288	194,932
Northern Virginia	2,029	92,209	60,015	188,657
Richmond	255,483	224,358	97,486	625,851
Roanoke	47,444	55,358	29,527	110,717
Planning Districts				
LENOWISCO	594	162,643	100,124	217,306
Cumberland Plateau	23,918	195,270	266,396	324,373
Mount Rogers	27,348	360,633	22,979	324,894
New River Valley	13,855	109,815	73,797	266,409
Fifth	56,009	100,120	57,689	198,742
Central Shenandoah	31,442	163,242	76,079	376,621
Lord Fairfax	997	134,967	36,605	214,993
Northern Virginia		69,480	43,780	133,457
Rappahannock-Rapidan	26,428	242,837	37,593	242,552
Thomas Jefferson	108,863	216,465	101,459	462,304
Central Virginia	134,029	199,415	58,748	384,858
West Piedmont	113,803	454,640	53,716	433,978
Southside	155,213	397,192	17,268	283,776
Piedmont	325,420	372,634	59,802	509,715
Richmond Regional	146,412	137,161	81,648	491,345
RADCO	61,592	113,454	48,588	320,649
Northern Neck	43,549	72,308	12,064	143,661
Middle Peninsula	124,198	114,782	22,429	285,294
Crater	311,354	239,756	18,451	288,192
Southeastern Virginia	130,605	260,350	48,946	140,189
Peninsula	5,919	7,050	14,893	49,559
Accomack-Norhampton	11,701	39,745	24,071	54,576

SOURCE: Brown, Mark J. *Forest Statistics for Virginia, 1986*. Resource Bulletin SE-87, U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station, Asheville, North Carolina, 1986.

NOTES: "Forest Industry" includes 19,438 acres of other private land under long-term lease.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.



TABLE 7.7
Timber-Based Manufacturing Industries for the
U.S., Virginia, and Surrounding States: 1982

	Employees		Payroll	
	Total	Percent of Total Manufacturing	Total	Percent of Total Manufacturing
United States	1,618.0	8.5%	\$27,475.7	7.2%
Virginia	55.7	14.2	779.2	11.7
Delaware	3.7	5.4	64.6	3.7
District of Columbia	...	...	...	...
Florida	46.0	10.1	716.2	9.2
Georgia	63.7	12.7	1,055.0	13.3
Kentucky	16.0	6.5	242.1	5.2
Maryland	16.5	7.0	276.2	5.7
North Carolina	128.6	16.1	1,675.2	14.3
South Carolina	29.1	7.9	469.8	8.5
Tennessee	52.2	11.3	735.3	10.0
West Virginia	6.4	6.7	76.6	3.8

SOURCE: U.S. Department of Commerce, Bureau of the Census. *State and Metropolitan Area Data Book 1986*. U.S. Government Printing Office, Washington, D.C., 1986.

NOTES: Includes SIC codes 24, 25, and 26.
 "Employees" in thousands.
 "Payroll" in millions of dollars.

TABLE 7.8
Fishery Employment and Establishments for
the U.S., Virginia, and Surrounding States: 1984

	Total			Processing			Wholesale		
	Plants	Average Employment		Plants	Average Employment		Plants	Average Employment	
		Season	Year		Season	Year		Season	Year
United States	3,954	109,623	81,755	1,927	95,977	71,054	2,027	13,646	10,701
Virginia	157	6,055	4,557	106	5,556	4,129	51	499	428
Delaware	11	671	460	4	648	438	7	23	22
District of Columbia	6	94	94	...	...	...	6	94	94
Florida	530	7,592	6,782	242	6,351	5,655	288	1,241	1,128
Georgia	54	1,584	1,390	15	1,411	1,273	39	173	117
Kentucky	...	...	...	...	...	...	...	...	...
Maryland	137	4,418	3,147	68	3,916	2,709	69	502	438
North Carolina	333	3,984	2,572	120	3,153	2,022	213	831	550
South Carolina	119	1,003	596	15	469	273	104	534	323
Tennessee	...	...	...	...	...	...	...	...	...
West Virginia	...	...	...	...	...	...	...	...	...

SOURCE: U.S. Department of Commerce, National Marine Fisheries Service, Current Fishery Statistics. *Fisheries of the United States, 1985*. U.S. Government Printing Office, Washington, D.C., annual.

TABLE 7.9
Fisheries: Quantity and Value of Catch for the
U.S., Virginia, and Surrounding States: 1980-1986

	1986		1985		1984		1980	
	Catch	Value	Catch	Value	Catch	Value	Catch	Value
United States ¹	6,030	\$2,763	6,258	\$2,326	6,438	\$2,349	6,481	\$2,237
Virginia	528	80	723	77	574	83	637	85
Delaware	5	2	5	2	3	2	4	2
District of Columbia	...	...	...	...	...	...	...	...
Florida	166	154	183	171	207	178	192	125
Georgia	16	25	17	21	16	12	19	20
Kentucky	...	...	...	...	...	...	...	...
Maryland	89	51	92	47	89	55	80	45
North Carolina	169	63	215	65	276	57	356	69
South Carolina	17	25	13	14	15	15	21	20
Tennessee	...	...	...	...	...	...	...	...
West Virginia	...	...	...	...	...	...	...	...

SOURCES: U.S. Department of Commerce, National Marine Fisheries Service, Current Fishery Statistics, *Fisheries of the United States, 1985*. U.S. Government Printing Office, Washington, D.C., annual; U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States, 1988*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Catch" in millions of pounds live weight.
 "Value" in millions of dollars.

¹Includes data for the New England states (Maine, New Hampshire, Massachusetts, Rhode Island, Connecticut), Middle Atlantic states (New York, New Jersey, Delaware), Chesapeake Bay (Maryland and Virginia), South Atlantic states (North Carolina, South Carolina, Georgia, and the east coast of Florida), Gulf States (the west coast of Florida, Alabama, Mississippi, Louisiana, Texas), Great Lakes (Superior, Michigan, Huron, and Erie), Pacific Coast states (Washington, Oregon, California, Alaska), Mississippi River and tributaries, and Hawaii.

TABLE 7.10
Employment in Fishing and Landings by Locality, Virginia: 1980

Locality	Fishermen			Landings	
	Total	Full-time	Part-time	Pounds	Value
Virginia	8,278	4,462	3,816	137,604,300	\$61,674,330
Counties					
Accomack	1,241	892	349	18,979,300	9,428,031
Caroline	2	...	2	115,200	29,428
Charles City	75	10	65	...	...
Chesterfield	50	...	50	...	...
Dinwiddie	2	...	2	...	...
Essex	40	5	35	12,300	5,577
Fairfax	25	1	24	61,000	13,384
Gloucester	796	464	332	10,406,100	2,766,702
Hanover	34	...	34	...	...
Henrico	37	...	37	...	...
Isle of Wight	91	31	60	296,700	231,145
James City	69	10	59	491,600	122,759
King and Queen	16	2	14	...	...
King George	128	55	73	1,012,500	242,857
King William	69	14	55	14,300	7,556

CONTINUED ➡



TABLE 7.10
Employment in Fishing and Landings by Locality, Virginia: 1980, *CONTINUED*

Locality	Fishermen			Landings	
	Total	Full-time	Part-time	Pounds	Value
Lancaster	555	481	74	19,674,900	2,604,750
Mathews	465	230	235	8,080,500	1,548,131
Middlesex	476	203	273	1,810,300	1,349,151
New Kent	55	3	52	683,200	272,342
Northhampton	584	478	106	9,175,000	3,710,397
Northumberland	725	513	212	20,497,000	2,950,919
Prince George	56	2	54	...	...
Prince William	11	1	10	284,600	107,985
Richmond	132	47	85	1,056,900	334,009
Stafford	30	2	28	620,100	224,468
Surry	7	1	6	...	...
Westmoreland	563	358	225	9,484,300	2,037,980
York	568	283	285	6,250,200	4,880,675
Cities					
Chesapeake	68		68	5,500	1,218
Hampton	277	92	185	19,456,800	19,350,757
Newport News	139	44	95	3,606,600	7,585,167
Norfolk	195	72	123	640,000	271,515
Portsmouth	34	8	26	896,900	521,932
Richmond	148	2	146	...	...
Suffolk	63	49	14	24,300	14,173
Virginia Beach	432	109	323	3,967,400	1,061,322

SOURCE: Commonwealth of Virginia, Virginia Marine Resources Commission. *Annual Report*. Newport News, Virginia, annual.

TABLE 7.11
Total Marine Landings, Value, and Rank, Virginia: 1965–1986

Year	Landings	Rank	Value	Rank
1986	528,239	3	\$79,410	9
1985	722,658	3	76,535	9
1984	574,161	3	83,151	8
1983	751,069	3	84,743	8
1982	690,677	4	68,768	9
1981	487,919	4	69,124	9
1980	637,515	4	84,993	9
1979	572,707	4	84,632	8
1978	538,892	4	60,622	9
1977	608,444	4	55,351	9
1976	528,430	4	43,091	10
1975	444,110	4	32,463	9
1974	507,293	3	33,836	10
1973	631,421	3	39,381	9
1972	663,845	3	25,992	9
1971	448,981	3	21,937	9
1970	550,553	3	21,977	10

CONTINUED ➡

TABLE 7.11**Total Marine Landings, Value, and Rank, Virginia: 1965-1986, *CONTINUED***

Year	Landings	Rank	Value	Rank
1969	297,251	6	17,976	10
1968	382,070	4	20,550	8
1967	347,650	4	18,093	9
1966	418,380	4	20,959	9
1965	504,862	2	26,969	7

SOURCE: Commonwealth of Virginia, Virginia Marine Resources Commission. *Agency Overview 1986*. Newport News, Virginia, 1987.

NOTES: "Landings" in thousands of pounds.
 "Rank" among the fifty states.
 "Value" in thousands of dollars.

TABLE 7.12**Commercial and Recreational Finfish Landings, Virginia: 1985**

Species	Recreational Landings	Commercial Landings
Black Drum	486,180	31,191
Black Sea Bass	1,452,540	603,734
Bluefish	9,584,400	1,642,185
Calfish	55,000	663,191
Croaker	1,248,010	2,168,762
Dolphins	55,000	414
Eels	8,800	254,809
Flounder, summer	1,477,360	5,036,803
Flounder, other	28,210	63,425
Herrings	308,000	1,495,428
Kingfishes	35,420	100,994
Mullet	8,750	6,222
Scup	13,200	164,141
Sharks	127,710	31,835
Speckled Trout	6,600	8,505
Spot	3,076,920	1,538,748
Tautog	743,600	1,479
Tunas/Mackerels	540,400	954,531
Weakfish	887,260	2,052,092
White Perch	11,100	98,958

SOURCE: Commonwealth of Virginia, Virginia Marine Resources Commission. *Agency Overview 1986*. Newport News, Virginia, 1987.

NOTE: In pounds.

TABLE 7.13**Finfish Landings by Species and Weight, Virginia: 1982-1988**

Species	1988	1987	1986	1985	1984	1983	1982
Alowives	715	783	744	432	1,257	1,838	1,307
Anglerfish	575	389	364	656	552	840	636
Bluefish	2,603	1,171	1,542	1,642	1,157	1,517	2,631
Butterfish	48	108	152	102	339	398	183
Carp	11	6	4	4	9	8	7
Catfish	1,067	1,082	1,310	663	848	1,131	1,135

CONTINUED ➡



TABLE 7.13
Finfish Landings by Species and Weight, Virginia: 1982–1988, *CONTINUED*

Species	1988	1987	1986	1985	1984	1983	1982
Croaker	1,780	2,703	2,279	2,169	818	142	119
Drum, black	141	112	207	31	34	68	67
Drum, red	4	3	5	1	3	42	2
Eel, common	846	253	305	255	372	315	311
Flounder, blackback	22	7	50	31	19	45	7
Flounder, fluke	7,768	5,729	3,759	5,037	9,673	8,103	4,354
Flounder, yellowtail	5	3	3	30	48	137	72
Flounder, unclassified	(Z)	19	18	(NE)	(NE)	(NE)	19
Grey sole	(NE)	(Z)	(Z)	5	12	16	28
Hake, red	10	(Z)	(Z)	22	63	53	19
Harvestfish	46	(Z)	(Z)	84	84	71	71
King Whiting	23	(Z)	(Z)	44	14	11	13
Mackerel, Boston	908	1,034	1,253	910	859	59	100
Mackerel, Spanish	292	248	168	15	10	4	13
Menhaden ¹	12,234	15,760	23,551	17,321	31,620	28,465	36,669
Mullet, black	17	34	13	6	40	27	13
Scup	280	513	601	164	1,485	1,173	2,575
Sea Bass	793	1,205	1,042	604	1,392	1,037	750
Sea Trout, grey	1,485	1,946	2,035	2,052	2,109	2,629	2,151
Sea Trout, spotted	15	14	18	9	3	4	3
Shad, American	483	633	582	633	1,270	638	585
Shad, gizzard	(C)	533	513	427	528	5	8
Shark, grayfish	20	10	12	14	20	46	2,855
Shark, unclassified	25	26	15	14	(Z)	2	10
Spot	1,987	3,459	1,797	1,539	735	1,560	1,018
Striped Bass	167	51	23	241	508	153	157
Swellfish	157	59	5	1	21	19	5
Swellfish tails	21	25	70	18	(NE)	(NE)	(NE)
Swordfish	19	22	16	17	54	26	65
Tilefish	9	18	1	6	1	(Z)	(Z)
Tuna, bigeye	5	3	8	1	7	3	(Z)
Tuna, bluefin	175	5	1	(Z)	4	4	4
Tuna, yellowfin	18	8	9	17	7	6	1
Tuna, unclassified	4	13	8	8	23	9	5
White Perch	204	245	220	99	111	74	109
Whiting	20	66	27	57	171	79	187
Unclassified (for bait)	614	(Z)	(Z)	2,140	2,318	4,212	2,874
Unclassified (for food)	10	(Z)	(Z)	10	5	7	12
TOTAL FINFISH²	40,165	57,601	44,435	37,554	58,633	55,005	61,183

SOURCE: Commonwealth of Virginia, Virginia Marine Resources Commission. *Virginia Landings*. Newport News, Virginia, annual and unpublished material.

NOTES: In thousands of pounds. List includes only those species with 1985, 1986, or 1987 catches in excess of 5,000 pounds.

¹Does not include purse seine landings.

²Includes species not listed separately.

C—Withheld to avoid disclosing data for individual companies.

NE—No entry for this species.

Z—Less than 1,000 pounds.

TABLE 7.14
Finfish Landings by Species and Value, Virginia: 1982–1988

Species	1988	1987	1986	1985	1984	1983	1982
Alewives	\$52	\$62	\$37	\$20	\$72	\$140	\$104
Anglerfish	372	464	293	303	229	318	260
Bluefish	363	234	268	272	189	217	425
Butterfish	20	48	55	33	96	112	46
Carp	(Z)	(Z)	1	1	1	1	(Z)

CONTINUED →

TABLE 7.14
Finfish Landings by Species and Value, Virginia: 1982-1988, *CONTINUED*

Species	1988	1987	1986	1985	1984	1983	1982
Cattfish	249	254	300	144	184	249	235
Croaker	916	1,050	552	553	268	42	49
Drum, black	44	38	74	9	9	17	7
Drum, red	1	1	1	(Z)	(Z)	9	(Z)
Eel, common	1,449	190	179	153	221	80	121
Flounder, blackback	16	5	14	10	5	222	2
Flounder, fluke	8,007	6,483	3,989	4,384	5,577	4,596	2,788
Flounder, yellowtail	3	2	1	7	13	27	16
Flounder, unclassified	(Z)	7	5	(NE)	(NE)	(NE)	13
Grey sole	(NE)	(Z)	(Z)	1	3	3	6
Hake, red	1	(Z)	(Z)	2	7	8	3
Harvestfish	46	(Z)	(Z)	62	60	41	42
King Whiting	9	(Z)	(Z)	13	4	3	3
Mackerel, Boston	83	68	111	80	66	13	13
Mackerel, Spanish	94	58	47	6	4	2	4
Menhaden ¹	666	714	1,143	713	1,244	662	1,432
Mullet, black	4	7	3	1	9	6	4
Scup	158	313	233	52	638	388	752
Sea Bass	779	1,203	943	506	828	767	521
Sea Trout, grey	920	1,052	952	1,083	1,103	1,379	1,193
Sea Trout, spotted	16	14	18	8	2	4	3
Shad, American	175	232	180	216	424	273	180
Shad, gizzard	(C)	27	26	20	24	1	(Z)
Shark, grayfish	6	5	2	4	3	6	242
Shark, unclassified	19	17	6	5	(Z)	1	3
Spot	733	986	575	564	261	489	385
Striped Bass	202	62	27	259	479	276	248
Sweltfish	67	40	2	1	8	9	3
Sweltfish tails	53	70	119	38	(NE)	(NE)	(NE)
Swordfish	56	80	54	52	173	59	162
Tilefish	13	24	1	6	(Z)	(Z)	(Z)
Tuna, bigeye	10	7	44	1	24	3	(Z)
Tuna, bluefin	(Z)	10	3	(Z)	10	2	3
Tuna, yellowfin	25	13	12	12	7	4	1
Tuna, unclassified	5	20	11	10	28	7	3
White Perch	93	107	104	43	48	31	53
Whiting	5	22	6	10	24	16	55
Unclassified (for bait)	46	(Z)	(Z)	155	166	266	135
Unclassified (for food)	6	(Z)	(Z)	3	1	3	4
TOTAL FINFISH²	16,076	14,692	10,603	9,828	12,526	10,562	9,534

SOURCE: Commonwealth of Virginia, Virginia Marine Resources Commission, *Virginia Landings*, Newport News, Virginia, annual and unpublished material.

NOTES: In thousands of dollars.

¹Does not include value of purse seine landings.

²Includes species not listed separately.

C—Withheld to avoid disclosing data for individual companies.

NE—No entry for this species.

Z—Less than \$1,000.

TABLE 7.15
Shellfish Landings by Species and Weight, Virginia: 1982-1988

Species	1988	1987	1986	1985	1984	1983	1982
Clam, hard (meat)	1,308	1,005	906	613	739	1,207	711
Clam, surf (meat)	10,623	8,680	13,512	13,393	13,496	18,370	10,367
Conch (meat)	643	293	547	142	141	57	127
Crab, blue: hard	37,096	33,592	40,243	37,701	49,447	46,044	44,057
Crab, blue: soft	1,131	562	949	1,163	970	658	806

CONTINUED ➡



TABLE 7.15
Shellfish Landings by Species and Weight, Virginia: 1982–1988, *CONTINUED*

Species	1988	1987	1986	1985	1984	1983	1982
Crab, jonah (claws)	(C)	(C)	(C)	5	12	(Z)	(Z)
Crab, horseshoe	56	150	146	121	166	252	242
Oyster (meat)	2,928	2,413	5,681	4,722	4,335	4,196	5,407
Scallops, sea	6,545	7,290	2,796	2,868	3,320	2,924	2,225
Shrimp	(Z)	(Z)	(Z)	6	(Z)	(Z)	(Z)
Squid, illex	(C)	(C)	129	538	2,642	2,297	2,426
Squid, loligo	(C)	(C)	442	568	2,008	3,363	577
Squid, unclassified	(C)	(C)	(C)	20	39	339	223
Shellfish, other	15,781	11,669	7,858	6,207	516	20	(Z)
Turtle, snapper	50	93	170	76	127	60	96
TOTAL SHELLFISH¹	76,163	65,745	73,378	68,145	77,960	79,789	67,283

SOURCE: Commonwealth of Virginia, Virginia Marine Resources Commission. *Virginia Landings*. Newport News, Virginia, annual and unpublished material.

NOTES: In thousands of pounds. List includes only those species with 1985 catches in excess of 5,000 pounds.

¹Includes species not listed separately.

C—Withheld to avoid disclosing data for individual companies.

Z—Less than 5,000 pounds.

TABLE 7.16
Shellfish Landings by Species and Value, Virginia: 1982–1988

Species	1988	1987	1986	1985	1984	1983	1982
Clam, hard (meat)	\$4,772	\$4,000	\$2,472	\$1,159	\$1,837	\$2,288	\$1,658
Clam, surf (meat)	4,776	3,968	7,552	7,403	6,711	8,128	6,218
Conch (meat)	299	156	306	84	76	26	83
Crab, blue; hard	11,947	10,055	9,763	7,910	11,133	11,011	9,128
Crab, blue; soft	1,670	823	1,095	1,209	1,108	809	889
Crab, jonah (claws)	(C)	(C)	(C)	5	10	(Z)	(Z)
Crab, horseshoe	7	26	18	13	16	18	19
Oyster (meat)	7,737	5,289	10,647	7,141	7,378	5,890	7,613
Scallops, sea	26,142	28,098	12,698	13,355	17,724	16,351	8,369
Shrimp	(Z)	(Z)	(Z)	27	(Z)	(Z)	(Z)
Squid, illex	(C)	(C)	17	51	285	395	261
Squid, loligo	(C)	(C)	121	120	462	1,028	139
Squid, unclassified	(C)	(C)	(C)	5	10	104	66
Shellfish, other	4,718	3,475	2,698	1,863	293	64	(Z)
Turtle, snapper	28	52	96	36	60	25	42
TOTAL SHELLFISH¹	62,097	55,942	47,483	40,746	47,106	56,702	34,504

SOURCE: Commonwealth of Virginia, Virginia Marine Resources Commission. *Virginia Landings*. Newport News, Virginia, annual and unpublished material.

NOTES: In thousands of dollars.

¹Includes species not listed separately.

C—Withheld to avoid disclosing data for individual companies.

Z—Less than \$1,000.

TABLE 7.17
Mineral Production—Value and Principal Minerals in Order of
Value for the U.S., Virginia, and Surrounding States: 1975–1986

	1986	1985	1980	1975	Principal Minerals
United States	NA	\$166,809	\$147,021	\$59,907	Petroleum, natural gas (wet), coal
Virginia	(C)	1,649	1,708	1,262	Coal, stone, cement
Delaware	4	4	2	2	Magnesium compounds, sand and gravel, greensand
District of Columbia	---	---	---	---	---
Florida	(C)	1,929	2,317	1,771	Phosphate cement, stone
Georgia	1,091	946	771	333	Clays, stone, cement
Kentucky	4,482	4,880	4,498	2,739	Coal, natural gas, stone
Maryland	413	338	293	165	Coal, stone, cement
North Carolina	466	433	380	153	Stone, phosphate, lithium
South Carolina	296	276	195	115	Cement, stone, clays
Tennessee	(C)	715	674	423	NA
West Virginia	4,699	5,005	4,860	3,390	Coal, natural gas, petroleum

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: Value in millions of dollars.
C—Withheld to avoid disclosing data for individual companies.
NA—Not available.

TABLE 7.18
Mining Industry Employment and Annual Pay for the
U.S., Virginia, and Surrounding States: 1983–1986

	Employment			Average Annual Pay		
	1986	1985	1984	1985	1984	1983
United States	792.0	930.0	966.0	\$31,326	\$30,157	\$28,808
Virginia	16.4	17.3	18.3	28,423	26,342	25,429
Delaware	0.1	0.1	0.1	44,374	40,892	38,857
District of Columbia	0.1	0.1	0.1	58,862	55,260	42,936
Florida	9.5	10.1	10.2	25,246	24,665	23,766
Georgia	6.4	8.1	7.8	24,028	23,327	21,601
Kentucky	40.5	43.7	45.6	29,021	28,567	27,262
Maryland	1.6	1.7	1.7	24,451	25,022	20,715
North Carolina	4.7	4.8	4.6	23,707	22,777	20,920
South Carolina	1.6	1.7	1.8	19,852	19,014	17,734
Tennessee	7.5	7.7	8.0	22,594	21,842	21,098
West Virginia	40.1	44.8	48.8	31,552	31,024	28,558

SOURCES: U.S. Department of Commerce, Bureau of the Census. *State and Metropolitan Area Data Book 1986*. U.S. Government Printing Office, Washington, D.C., 1986; U.S. Department of Labor, Bureau of Labor Statistics. *Employment and Earnings, March and May 1987*. U.S. Government Printing Office, Washington, D.C., monthly; U.S. Department of Labor, Bureau of Labor Statistics. *News*. "Average Annual Pay by State and Industry, 1985." USDL 86-361. U.S. Government Printing Office, Washington, D.C., irregular.

NOTES: "Employment" in thousands.
"Average Annual Pay" in dollars. Includes workers covered by Unemployment Insurance and Unemployment Compensation for Federal Employees programs.
1985 "Average Annual Pay" data are preliminary.



TABLE 7.19
Mineral Industries Statistics for the U.S.,
Virginia, and Surrounding States: 1972-1982

	Employment			Value Added in Mining		
	1982	1977	1972	1982	1977	1972
United States	1,114.0	798.8	595.1	\$188,056	\$68,013	\$26,471
Virginia	24.4	23.2	16.8	1,467	1,016	360
Delaware ^{1,2}	0.2	2.3	2.2	2	79	58
District of Columbia ^{1,2}	...	...	...	...	...	...
Florida	10.5	9.9	9.0	1,860	1,039	298
Georgia	7.6	7.4	6.6	430	294	158
Kentucky	54.2	47.8	30.2	4,142	2,515	780
Maryland ^{1,2}	2.6	...	...	167	...	...
North Carolina	4.0	3.7	3.3	198	111	71
South Carolina	1.5	1.5	1.5	72	47	34
Tennessee	9.0	9.1	7.3	498	378	152
West Virginia	63.1	69.6	53.0	4,790	2,820	1,195

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1986*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Employment" in thousands.

"Value Added in Mining" in millions of dollars.

¹1972 and 1977 data for Maryland, Delaware, and the District of Columbia are combined and entered for Delaware.

²1982 data for Delaware and the District of Columbia are combined and entered for Delaware.

TABLE 7.20
Nonfuel Mineral Production, Virginia: 1983-1985

Mineral	1985		1984		1983	
	Quantity	Value	Quantity	Value	Quantity	Value
Clays ¹	767	\$5,716	712	\$6,004	784	\$5,467
Gem Stones	NA	20	NA	20	NA	20
Lime ¹	605	26,426	562	24,799	557	24,637
Sand and gravel (construction) ¹	10,200	41,800	8,860	37,359	7,200 ^a	
30,800 ^a						
Stone:						
Crushed ¹	51,400	226,000	47,200 ^a	196,000 ^a	38,036	159,553
Dimension ¹	10	2,071	22 ^a	3,052 ^a	16	2,238
Combined value of aplite, cement, gypsum iron oxide pigments, kyanite, sand and gravel, talc (soapstone) and vermiculite	NA	82,305	NA	74,355	NA	66,629

SOURCES: Commonwealth of Virginia, Department of Mines, Minerals and Energy, Division of Mineral Resources. *Directory of the Mineral Industry in Virginia-1988*. Charlottesville, Virginia, 1988; U.S. Department of the Interior, Bureau of Mines. *Minerals Yearbook 1984*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In thousands of dollars.

¹In thousands of short tons.

^aEstimated.

NA—Not available.

TABLE 7.21
Summary of Nonmetallic Mineral Production, Virginia: 1986-1988

Commodity	1986		1987		1988	
	Production	Production Wages	Production	Production Wages	Production	Production Wages
Aplite	339	\$939	369	\$967	321	\$176
Clay	635	5,081	652	6,929	715	4,669
Coal refuse	50	27	50	27	30	15
Diabase	4	137	4	114	4	105
Dirorite	...	...	285	337	266	485
Dirt/fill material	3,568	1,716	1,311	414	1,582	426
Dolomite	2,889	2,409	2,535	2,485	2,595	1,433
Fullers earth	100	541	105	536	106	369
Gemstones	NE	NE	(Z)	...	(Z)	...
Gneiss	545	326	511	274	553	...
Granite	32,411	19,629	30,613	17,073	27,560	14,456
Gravel	197	45	122	28	52	17
Greenstone	876	363	694	326	596	283
Gypsum	537	979	495	880	501	...
Kyanite	637	2,913	535	2,165	414	1,907
Limestone	16,484	21,234	18,708	20,213	18,377	18,949
Limonite	1	314	(Z)	302	(Z)	319
Marble	284	303	216	268	195	46
Marl	11	1	34	9	6	5
Quartz	3	25	1	14	(Z)	4
Quartzite	1,019	898	1,080	1,062	1,049	1,387
Sand	5,885	2,148	4,728	1,858	4,390	5,845
Sand and gravel	12,500	6,717	12,742	7,699	11,458	11,053
Sandstone	955	595	603	421	734	369
Shale	732	6,743	586	5,944	454	5,453
Silt	...	...	1	14	NE	NE
Slate	502	2,149	514	2,104	377	1,798
Soapstone	2,861	332	2	217	...	...
Traprock	8,197	5,450	8,010	5,586	6,788	4,017
Vermiculite	46	408	44	400	40	400
Unclassified	...	...	21	305	226	264

SOURCE: Commonwealth of Virginia, Department of Mines, Minerals and Energy, Division of Mineral Mining. *Summary of Metal Mining, Mining and Quarrying of Nonmetallic Minerals*. Lynchburg, Virginia, annual. (Computer printout.)

NOTES: "Production" in thousands of tons.
 "Production Wages" in thousands of dollars.
 NE—No entry in source document.
 Z—Less than 1,000 tons.



Section 8: Geography and Climate

This section includes data on Virginia's physical environment (land and water area, rivers, and mountains), climate, air quality, and state expenditures for environmental quality control. The land area of counties and independent cities in Virginia is given in connection with population density in Section 16 (Population). Related information on land use and ownership in the state will be found in Section 1 (Agriculture) and Section 7 (Forestry, Fisheries, and Minerals).

The Bureau of the Census, as part of its Census of Population, has since 1880 provided land and water area measurements for U.S. states and counties; this is the source for the area data included in Table 8.1.

The U.S. Geological Survey, which conducts research in the fields of geography, geology, and topography, generates much of the basic data about Virginia's water resources. The Geological Survey publishes an annual summary of hydrologic data, *Water Resources Data Virginia*, with detailed statistics on daily stream flow, ground water levels, and water quality. Table 8.5 summarizes this report's stream flow data from the 189 gaging stations in Virginia. The Geological Survey also compiles data on water withdrawals in *Estimated Use of Water in the U.S.*

Data on average temperature and precipitation in selected Virginia localities are available in a report by Curtis W. Crockett of Virginia Tech's Water Resources Research Center, *Climatological Summaries for Selected Stations in Virginia* (1972), the source for Tables 8.10 and 8.11. These tables also incorporate some data for more recent reporting periods from a federal report, *Local Climatological Data*, published by the National Oceanic and Atmospheric Administration.

For information on environmental quality, there are both state and national sources. The Virginia State Air Pollution Control Board, in response to the requirements of the Federal Clean Air Act of 1970, monitors the level of atmospheric pollutants at 95 locations throughout the state's seven air quality control regions (see Map 8.1). Data from this agency's *Virginia Ambient Air Quality Data Report* are presented in Tables 8.12 and 8.14. For the entire United States, the National Emissions Data System (U.S. Environmental Protection Agency) compiles data on pollutant emissions by state (Table 8.13); these data are reproduced in the *State and Metropolitan Area Data Book* (Bureau of the Census).

Figure 8.1
Water Withdrawals Per Capita: 1985

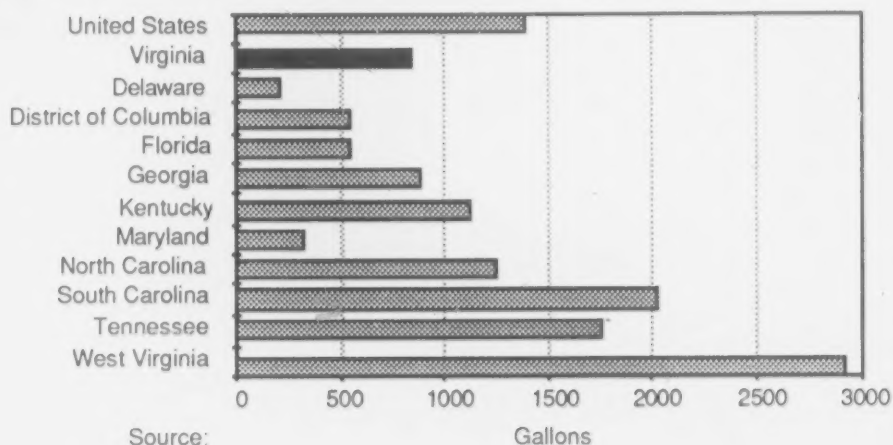
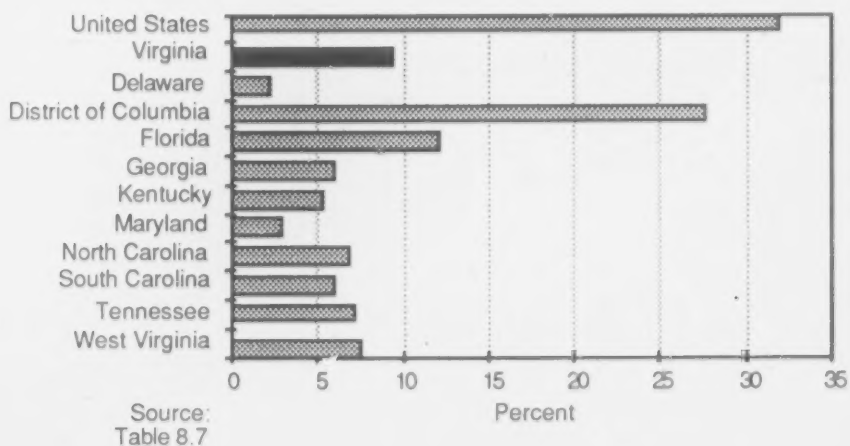


Figure 8.2
Percent of Land Federally Owned: 1986





Map 8.1
Air Quality Control Regions



Map 8.2
Physiographic Provinces of Virginia

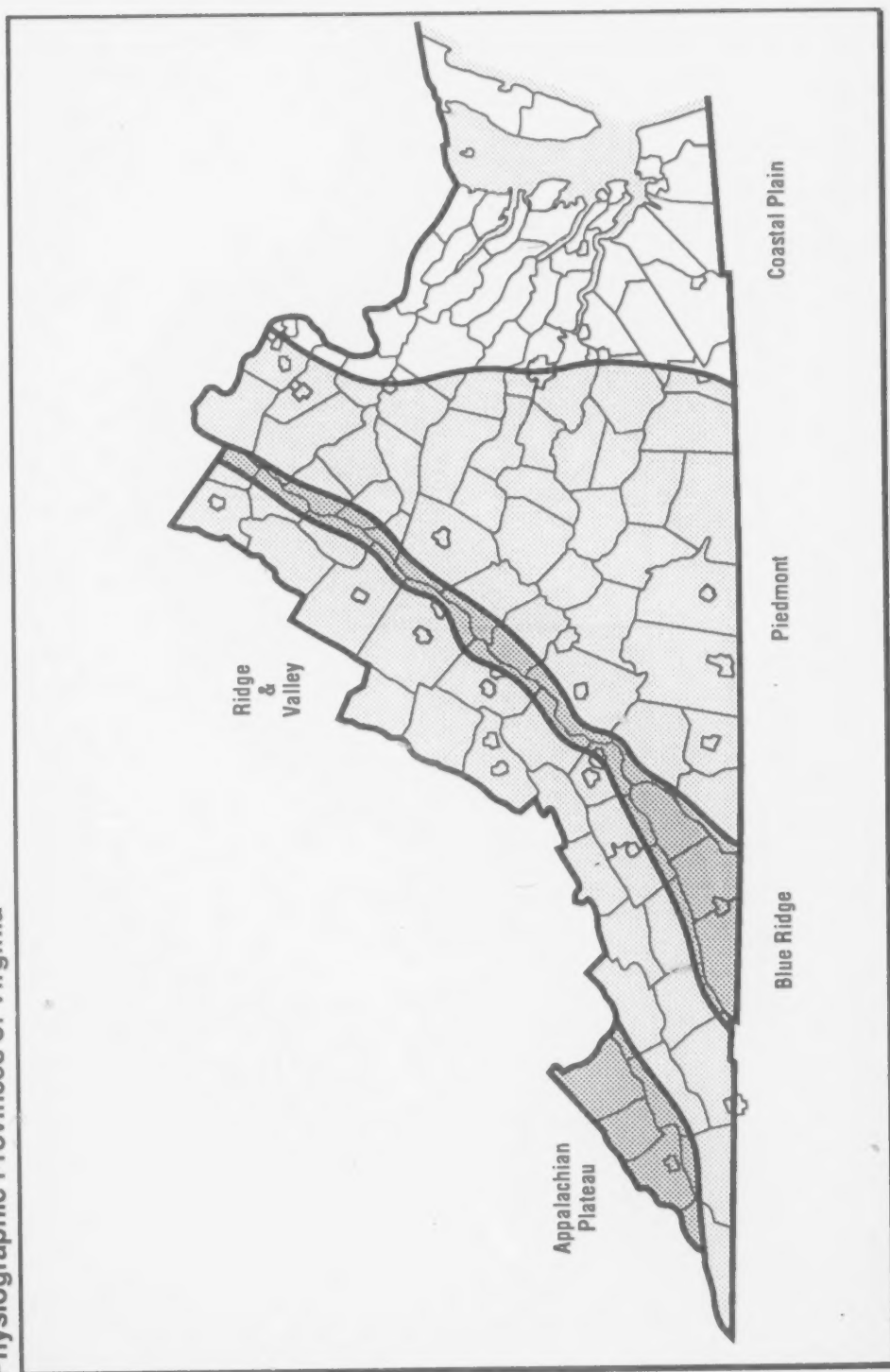




TABLE 8.1
Land and Water Area for the U.S., Virginia, and Surrounding States: 1980

	Total Area	Land Area	Water Area	Water as Percent of Total
United States	3,618,770	3,539,289	79,481	2.20%
Virginia	40,767	39,704	1,063	2.61
Delaware	2,045	1,932	112	5.48
District of Columbia	69	63	6	8.70
Florida	58,664	54,153	4,511	7.69
Georgia	58,910	58,056	854	1.45
Kentucky	40,410	36,669	740	1.83
Maryland	10,460	9,837	623	5.96
North Carolina	52,669	48,843	3,826	7.26
South Carolina	31,113	30,203	909	2.92
Tennessee	42,144	41,155	989	2.35
West Virginia	24,232	24,119	112	0.46

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1986*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Total", "Land", and "Water" area in square miles.
 "Land Area" includes dry land and land temporarily or partially covered by water, such as marshland, swamps, etc.; streams and canals under one-eighth statute mile wide; and lakes, reservoirs, and ponds under 40 acres in area.
 "Water Area" is permanent inland water surface, such as lakes, reservoirs, and ponds having an area of 40 acres or more; streams, sloughs, estuaries, and canals one-eighth statute mile or more in width; deeply indented embayments and sounds, and other coastal waters behind or sheltered by headlands or islands separated by less than one nautical mile of water, and islands under 40 acres in area.

TABLE 8.2
Coastline and Water Area for the U.S., Virginia, and Surrounding States

	Coastline		Water Area, Other Than Inland Water
	General	Tidal	
United States	12,383	88,633	74,364
Virginia	112	3,315	1,511
Delaware	28	381	350
District of Columbia	...	...	...
Florida	1,350	8,426	1,735
Georgia	100	2,344	48
Kentucky	...	...	...
Maryland	31	3,190	1,726
North Carolina	301	3,375	...
South Carolina	187	2,876	138
Tennessee	...	...	...
West Virginia	...	...	...

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "General" in statute miles. Figures are lengths of general outline of seacoast. Measurements were made with a unit measure of 30 minutes of latitude on charts as near the scale of 1:1,200,000 as possible. Coastline of sounds and bays is included to a point where they narrow to width of unit measure, and includes the distance across at such points.
 "Tidal" in statute miles. Figures obtained in 1939-40 with a recording instrument on the largest-scale charts and maps then available. Shoreline of outer coast, offshore islands, sounds, bays, rivers, and creeks is included to the head of tidewater or to a point where tidal waters narrow to a width of 100 feet.
 "Water Area, Other Than Inland Water" in square miles. Includes only that portion of body of water under the jurisdiction of the United States, excluding Alaska and Hawaii. Excludes inland water.

TABLE 8.3
Water Withdrawals Per Day for the U.S., Virginia,
and Surrounding States: 1980 and 1985

	1985		1980		Percent Change, 1980-1985, in Per Capita Withdrawals
	Total	Per Capita	Total	Per Capita	
United States	399.0	1,400	450.0	1,953	-28.3%
Virginia	7.2	853	9.7	1,809	-52.8
Delaware	1.7	222	1.2	2,013	-89.0
District of Columbia	0.3	556	0.3	534	4.1
Florida	17.0	554	21.0	2,127	-74.0
Georgia	5.5	899	6.9	1,259	-28.6
Kentucky	4.2	1,130	4.8	1,311	-13.8
Maryland	6.7	321	7.7	1,822	-82.4
North Carolina	8.8	1,260	8.1	1,376	-8.4
South Carolina	6.8	2,040	6.2	1,983	2.9
Tennessee	8.5	1,770	10.0	2,176	-18.7
West Virginia	5.7	2,940	5.6	2,872	2.4

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1988*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Total" in billions of gallons per day.
 "Per Capita" in gallons per day.

TABLE 8.4
Water Withdrawals Per Day by Source and Use for
the U.S., Virginia, and Surrounding States: 1985

	Source		Use				Con- sumptive Use, Fresh Water
	Ground Water	Surface Water	Irriga- tion	Public Supply	Indus- trial	Thermo- electric	
United States	73,900	325,000	137,000	39,920	29,534	187,000	92,100
Virginia	341	6,910	52	691	673	5,760	269
Delaware	79	1,580	27	87	410	1,121	39
District of Columbia	...	348	...	218	...	130	24
Florida	4,050	13,000	2,910	1,939	679	11,351	2,730
Georgia	1,000	4,440	453	935	656	3,326	838
Kentucky	205	3,990	8	451	266	3,410	260
Maryland	219	6,490	34	564	371	5,429	423
North Carolina	435	8,320	132	764	539	7,266	439
South Carolina	214	6,610	34	421	1,135	5,186	340
Tennessee	444	8,010	9	697	1,613	6,060	275
West Virginia	211	5,490	4	172	1,028	4,490	773

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1988*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In millions of gallons per day.



TABLE 8.5
Drainage Area and Flow Statistics for Rivers and Creeks in Virginia

River Basin/Creek	Location	Drainage Area	Discharge Data		
			Average	Maximum	Minimum
North Atlantic Slope Basins:					
Nassawadox Creek Basin:					
Nassawadox Creek:					
Guy Creek	Northampton	1.7	1.4	78	...
Potomac River Basin:					
Potomac River:					
Back Creek:					
Hogue Creek	Frederick	15.0	14.9	2,760	...
Opequon Creek	Frederick	16.5	21.5	982	3.5
Abrams Creek	Frederick	16.5	21.5	982	3.5
North River	Augusta	17.2	25.9	11,100	0.1
North River	Rockingham	379.0	372.0	65,000	16.0
Middle River	Augusta	178.0	184.0	45,000	3.7
Christians Creek	Augusta	70.1	71.7	4,520	3.8
Middle River	Augusta	375.0	312.0	38,500	19.0
South River	Waynesboro	127.0	142.0	17,500	7.0
South River	Augusta	149.0	206.0	19,100	42.0
South River	Augusta	212.0	256.0	28,100	17.0
South Fork Shenandoah River:					
Madison Run					
White Oak Run	Rockingham	1.9	2.4	515	...
South Fork Shenandoah River	Rockingham	1,084.0	1,005.0	95,100	32.0
South Fork Shenandoah River	Page	1,377.0	1,322.0	110,000	135.0
South Fork Shenandoah River	Warren	1,642.0	1,601.0	130,000	103.0
North Fork Shenandoah River	Rockingham	210.0	193.0	50,000	0.2
Linville Creek	Rockingham	45.5	NA	3,160	2.8
Smith Creek	Shenandoah	93.2	73.2	10,600	4.5
North Fork Shenandoah River	Shenandoah	506.0	389.0	50,800	7.0
North Fork Shenandoah River	Warren	768.0	587.0	100,000	6.0
Cedar Creek	Frederick	103.0	94.4	22,000	1.8
Passage Creek	Warren	87.8	68.9	21,000	0.1
Shenandoah River	Jefferson ¹	3,040.0	2,699.0	230,000	194.0
Catoctin Creek	Loudoun	89.6	104.0	23,800	0.2
Potomac River	Frederick	9,651.0	9,410.0	480,000	530.0
Goose Creek	Loudoun	123.0	135.0	19,200	...
Goose Creek	Loudoun	332.0	316.0	78,100	0.4
Difficult Run	Fairfax	57.9	59.6	32,200	0.1
Potomac River	Montgomery ²	11,560.0	11,520.0	484,000	601.0
Potomac River:					
Accotink Creek	Fairfax	23.5	27.6	12,000	0.1
Cedar Run	Fauquier	12.3	12.7	7,840	...
Cedar Run	Fauquier	93.4	87.8	38,600	...
Cedar Run	Prince William	155.0	184.0	14,900	0.3
Broad Run	Prince William	50.5	51.4	16,800	0.2
Broad Run	Prince William	89.6	99.2	7,800	0.9
Bull Run	Prince William	25.8	33.0	39,400	...
Cub Run	Fairfax	49.9	56.2	2,830	0.4
Bull Run	Fairfax	148.0	NA	6,800	5.6
South Fork Quantico Creek	Prince William	7.6	6.9	3,940	...
Aquia Creek	Stafford	34.9	37.0	11,600	...
Great Wicomico River Basin:					
Great Wicomico River:					
Crawley Creek:					
Bush Mill Stream	Northumberland	6.8	7.3	714	...
Rappahannock River Basin:					
Rappahannock River	Fauquier	195.0	195.0	32,000	0.2
Hazel River:					
Thornton River:					
Battle Run	Rappahannock	27.6	26.4	9,120	...
Hazel River	Culpeper	287.0	342.0	60,000	1.1
Rappahannock River	Fauquier	620.0	679.0	90,000	2.8
Mountain Run	Culpeper	15.9	16.7	5,440	0.1

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TABLE 8.5
Drainage Area and Flow Statistics for Rivers
and Creeks in Virginia, *CONTINUED*

River Basin/Creek	Location	Drainage Area	Discharge Data		
			Average	Maximum	Minimum
Rapidan River	Madison	114.0	149.0	30,700	0.9
Robinson River	Madison	179.0	221.0	24,500	1.2
Rapidan River	Culpeper	472.0	527.0	58,100	2.1
Rappahannock River	Spotsylvania	1,596.0	1,663.0	140,000	5.0
Cat Point Creek	Richmond	45.6	44.8	6,820	...
Hoskins Creek	Essex	15.5	16.8	1,380	0.2
Piscatway Creek	Essex	28.0	32.1	2,380	...
<i>Piankatank River Basin:</i>					
Dragon Swamp	King and Queen	108.0	111.0	2,530	0.2
<i>Ware River Basin:</i>					
Beaverdam Swamp	Gloucester	6.6	7.2	570	...
<i>York River Basin:</i>					
North Anna River:					
Contrary Creek	Louisa	5.5	5.1	2,280	...
North Anna River	Spotsylvania	344.0	296.0	11,700	33.0
North Anna River	Caroline	441.0	385.0	24,800	1.0
North Anna River	Hanover	463.0	383.0	11,100	44.0
Little River	Hanover	107.0	98.7	12,000	0.1
South Anna River	Hanover	394.0	367.0	17,100	0.1
Pamunkey River	Hanover	1,081.0	1,005.0	40,300	12.0
Totopotomoy	Hanover	26.2	30.0	802	0.4
Po River	Spotsylvania	77.4	75.8	10,900	0.1
Mattaponi River	Caroline	257.0	239.0	13,400	...
Mattaponi River	King and Queen	601.0	591.0	16,900	5.9
<i>York River:</i>					
Ware Creek	New Kent	6.3	6.5	260	...
South Atlantic Slope Basins:					
<i>James River Basin:</i>					
Jackson River	Bath	158.0	172.0	30,000	17.0
Back Creek	Bath	60.1	94.2	17,500	1.5
Back Creek	Bath	76.1	NA	5,100	5.2
Little Back Creek	Bath	4.9	NA	580	0.9
Back Creek	Bath	134.0	183.0	14,200	1.5
Lake Moomaw	Alleghany	344.0	NA	NA	NA
Jackson River	Alleghany	345.0	455.0	29,000	47.0
<i>Jackson River:</i>					
Dunlap Creek	Alleghany	164.0	167.0	27,400	7.0
Jackson River	Covington	614.0	730.0	31,300	67.0
Potts Creek	Alleghany	153.0	179.0	15,400	13.0
<i>Cowpasture River:</i>					
Bullpasture River	Bath	110.0	148.0	22,900	19.0
Cowpasture River	Alleghany	461.0	527.0	40,900	40.0
James River	Botetourt	1,373.0	1,613.0	37,500	133.0
<i>Craig Creek:</i>					
Johns Creek	Craig	104.0	127.0	8,000	6.0
Craig Creek	Botetourt	329.0	186.0	58,500	20.0
Catawba Creek	Botetourt	34.3	36.4	21,200	0.3
James River	Botetourt	2,075.0	2,472.0	179,000	202.0
Callpasture River	Rockbridge	144.0	165.0	56,300	...
Maury River	Rockbridge	329.0	377.0	87,700	5.8
Kerrs Creek	Rockbridge	35.0	35.6	23,000	0.9
Maury River	Rockbridge	646.0	661.0	105,000	20.0
James River	Bedford	3,259.0	3,591.0	207,000	71.0
James River	Nelson	3,683.0	4,185.0	226,000	222.0
Tye River	Nelson	92.8	155.0	80,000	0.5
Piney River	Nelson	47.6	94.4	38,000	1.1
Buffalo River	Nelson	147.0	170.0	45,000	3.2
Rockfish River	Nelson	94.6	141.0	70,000	0.2
James River	Albemarle	4,584.0	5,159.0	301,000	300.0
Hardware River	Flyvanna	116.0	128.0	52,000	0.1
Slate River	Buckingham	226.0	229.0	42,200	2.0

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TABLE 8.5
Drainage Area and Flow Statistics for Rivers
and Creeks in Virginia, *CONTINUED*

River Basin/Creek	Location	Drainage Area	Discharge Data		
			Average	Maximum	Minimum
South Fork Rivanna River:					
Mechums River	Albemarle	95.4	108.0	20,000	0.6
Moormans River	Albemarle	74.6	101.0	15,500	1.3
Buck Mountain Creek	Albemarle	37.0	42.4	5,800	0.6
South Fork Rivanna River	Albemarle	260.0	294.0	15,200	6.8
North Fork Rivanna River	Albemarle	176.0	250.0	31,800	1.8
Rivanna River	Fluvanna	664.0	722.0	86,000	5.2
Willis River	Cumberland	262.0	253.0	24,000	1.5
James River	Goochland	6,257.0	7,068.0	362,000	316.0
Fine Creek	Powhatan	22.1	20.3	4,180	0.1
James River	Henrico	6,758.0	7,533.0	313,000	10.0
Falling Creek	Chesterfield	32.8	33.8	5,930	...
Appomattox River:					
Holiday Creek	Appomattox	8.5	8.9	9,640	0.1
Buffalo Creek	Prince Edward	69.7	67.1	9,160	2.7
Appomattox River	Cumberland	303.0	287.0	33,100	3.8
Appomattox River	Amelia	726.0	722.0	35,000	11.0
Deep Creek	Amelia	158.0	151.0	15,000	...
Appomattox River	Chesterfield	1,344.0	1,482.0	40,800	41.0
Chickahominy River	New Kent	248.0	264.0	7,710	0.7
Great Dismal Swamp Basin:					
Cypress Swamp	Suffolk	23.8	27.0	1,330	...
Chowan River Basin:					
Nottoway River	Lunenburg	38.7	38.5	13,400	...
Nottoway River	Brunswick	309.0	313.0	29,900	0.4
Nottoway River	Sussex	579.0	564.0	25,200	3.4
Stony Creek	Dinwiddie	112.0	113.0	11,400	...
Nottoway River	Southampton	1,421.0	1,368.0	26,000	4.0
Assamoosick Swamp	Southampton	86.4	NA	1,730	...
Blackwater River	Surry	294.0	311.0	5,850	...
Blackwater River	Isle of Wight	456.0	496.0	7,000	...
Blackwater River	Southampton	617.0	639.0	9,420	0.1
Chowan River:					
North Meherrin River	Lunenburg	55.6	53.4	14,400	...
Meherrin River	Brunswick	552.0	501.0	38,000	4.2
Great Creek	Brunswick	30.7	30.4	7,100	0.1
Meherrin River	Emporia	747.0	697.0	21,100	5.0
Fountains Creek	Greensville	65.2	68.8	16,000	...
Roanoke River Basin:					
South Fork Roanoke River	Montgomery	110.0	108.0	14,200	7.5
Roanoke River	Montgomery	257.0	239.0	24,500	10.0
Roanoke River	Roanoke City	295.0	371.0	32,300	...
Tinker Creek	Botetourt	11.7	11.8	10,400	0.2
Roanoke River	Roanoke	512.0	510.0	52,300	1.0
Back Creek	Roanoke	56.8	59.7	20,000	0.9
Blackwater River	Franklin	115.0	131.0	20,800	6.6
Smith Mountain Lake	Pittsylvania	1,024.0	NA	NA	NA
Pigg River	Pittsylvania	350.0	362.0	25,400	24.0
Leesville Lake	Campbell	1,505.0	NA	NA	NA
Goose Creek	Bedford	188.0	176.0	20,300	3.0
Roanoke (Staunton) River	Pittsylvania	1,789.0	1,780.0	105,000	13.0
Big Otter River	Campbell	320.0	329.0	27,500	7.5
Roanoke (Staunton) River	Campbell	2,415.0	2,376.0	130,000	140.0
Falling River	Campbell	173.0	148.0	32,600	3.0
Cub Creek	Charlotte	98.0	97.4	7,380	2.6
Roanoke (Staunton) River	Halifax	2,977.0	3,039.0	97,000	179.0
Dan River:					
Dan River	Stokes ³	129.0	190.0	21,200	7.1
South Mayo River	Patrick	84.6	124.0	20,600	20.0
North Mayo River	Henry	108.0	126.0	17,200	14.0
Smith River:					
Philpott Lake	Henry	216.0	NA	NA	NA

CONTINUED ►

TABLE 8.5
Drainage Area and Flow Statistics for Rivers
and Creeks in Virginia, *CONTINUED*

River Basin/Creek	Location	Drainage Area	Discharge Data		
			Average	Maximum	Minimum
Smith River	Franklin	216.0	276.0	17,000	2.3
Smith River	Henry	259.0	329.0	26,600	1.1
Smith River	Henry	380.0	455.0	39,000	3.8
Sandy River	Pittsylvania	112.0	106.0	23,000	3.0
Dan River	Danville	2,050.0	2,294.0	75,000	11.0
Dan River	Halifax	2,550.0	2,684.0	64,800	193.0
Banister River;					
Georges Creek	Pittsylvania	9.2	9.6	1,480	1.0
Banister River	Halifax	547.0	505.0	50,000	6.0
Hycro River	Halifax	289.0	252.0	10,800	...
Allen Creek	Mecklenburg	53.4	44.2	5,620	...
<i>Kanawha River Basin:</i>					
South Fork New River	Ashe ³	205.0	428.0	52,800	52.0
New River	Grayson	1,131.0	1,893.0	141,000	193.0
Chestnut Creek	Galax	39.4	66.9	6,980	12.0
Reed Creek:					
Glade Creek	Wythe	7.2	1.1	1,350	...
Reed Creek	Wythe	247.0	267.0	17,500	5.0
Big Reed Island Creek	Pulaski	278.0	398.0	14,500	57.0
New River	Pulaski	2,202.0	3,192.0	185,000	412.0
Little River	Pulaski	300.0	361.0	22,800	21.0
New River	Pulaski	2,748.0	3,845.0	218,000	165.0
Walker Creek	Giles	305.0	323.0	16,900	15.0
Wolf Creek	Giles	223.0	298.0	12,900	8.8
New River	Giles	3,768.0	4,979.0	226,000	717.0
Bluestone River	Tazewell	44.2	57.6	1,050	1.0
<i>Big Sandy River Basin:</i>					
Levisa Fork	Buchanan	235.0	285.0	33,200	0.2
Levisa Fork	Buchanan	297.0	372.0	56,000	5.0
Levisa Fork	Pike ⁴	392.0	474.0	33,000	0.1
Russell Fork	Dickenson	286.0	328.0	59,000	0.2
North Fork Pound River Lake	Wise	17.2	NA	NA	NA
North Fork Pound River	Wise	18.5	28.1	4,480	...
Cranes Nest River	Dickenson	66.5	79.1	18,000	0.5
Pound River	Dickenson	221.0	274.0	30,000	2.3

CONTINUED ➡



TABLE 8.5
Drainage Area and Flow Statistics for Rivers
and Creeks in Virginia, *CONTINUED*

River Basin/Creek	Location	Drainage Area	Discharge Data		
			Average	Maximum	Minimum
Tennessee River Basin:					
French Broad River:					
South Fork Holston River	Smyth	76.1	112.0	9,600	2.0
South Fork Holston River	Washington	301.0	477.0	22,000	30.0
Middle Fork Holston River	Washington	211.0	240.0	12,500	6.0
Beaver Creek	Bristol	27.7	35.0	1,600	3.4
North Fork Holston River	Smyth	222.0	300.0	16,500	1.0
Tennessee River:					
Clinch River	Tazewell	137.0	191.0	9,640	3.2
Clinch River	Russell	528.0	708.0	34,500	35.0
Clinch River	Claiborne ⁵	1,474.0	2,077.0	98,100	108.0
Powell River	Lee	319.0	534.0	57,000	17.0

SOURCE: U.S. Department of the Interior, Geological Survey. *Water Resources Data Virginia Water Year 1986*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Drainage Area" in square miles. The drainage area of a stream at a specified location is that area, measured in a horizontal plane, enclosed by a topographic divide from which direct surface runoff from precipitation normally drains by gravity into the stream above the specified point. Figures of drainage area include all closed basins, or noncontributing areas, within the area unless otherwise specified. "Discharge Data" in cubic feet per second. Discharge is the volume of water that passes a given point within a given period of time. These data are based on periods of record that vary for each river, depending on when gaging stations began operating.

¹West Virginia.

²Maryland.

³North Carolina.

⁴Kentucky.

⁵Tennessee.

NA—Not available.

TABLE 8.6
Land Cover/Use for the U.S., Virginia, and Surrounding States: 1982

	Nonfederal Land							
	Total Surface Area	Federal Surface Area	Urban and Builtup Land	Rural Transportation	Rural Land			
					Crop-land	Pasture Land	Range-land	Forest Land
United States	1,937.7	404.1	46.4	26.9	421.0	132.4	405.9	393.2
Virginia	26.1	2.3	1.2	0.3	3.4	3.4	...	13.6
Delaware	1.3	0.3	0.1	0.3	0.5	0.4	...	0.3
District of Columbia	...	...	...	...	...	...	...	...
Florida	37.5	3.1	2.8	0.6	3.6	4.3	3.8	12.4
Georgia	37.7	2.1	1.6	0.5	6.6	3.0	...	21.9
Kentucky	25.9	1.1	0.6	0.6	5.9	5.9	...	10.2

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TABLE 8.6
Land Cover/Use for the U.S., Virginia, and
Surrounding States: 1982, *CONTINUED*

	Nonfederal Land							
	Total Surface Area	Federal Surface Area	Urban and Builtup Land	Rural Trans- portation	Rural Land			
					Crop- land	Pasture Land	Range- land	Forest Land
Maryland	6.7	0.2	0.8	0.1	1.8	0.5	...	2.4
North Carolina	33.7	2.1	1.6	0.7	6.7	2.0	...	16.7
South Carolina	19.9	1.2	0.8	0.5	3.6	1.2	...	11.0
Tennessee	27.0	1.3	1.0	0.6	51.6	5.4	...	11.5
West Virginia	15.5	1.1	0.3	0.2	1.1	1.9	...	10.4

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1988*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In millions of acres.

TABLE 8.7
Total and Federally Owned Land for the U.S.,
Virginia, and Surrounding States: 1985 and 1986

		1986			1985		
			Owned by the Federal Government			Owned by the Federal Government	
	Total	Not Owned by the Federal Government	Acres	Percent	Not Owned by the Federal Government	Acres	Percent
United States	2,271,343	1,544,230	727,113	32.0%	1,544,658	726,686	32.0%
Virginia	25,496	23,041	2,455	9.6	23,039	2,457	9.6
Delaware	1,266	1,236	30	2.4	1,225	40	3.2
District of Columbia	39	28	11	27.8	28	11	28.0
Florida	34,721	30,441	4,280	12.3	30,461	4,261	12.3
Georgia	37,295	34,996	2,299	6.2	34,992	2,304	6.2
Kentucky	25,512	24,112	1,401	5.5	24,074	1,438	5.6
Maryland	6,319	6,122	197	3.1	6,118	202	3.2
North Carolina	31,403	29,184	2,219	7.1	28,980	2,423	7.7
South Carolina	19,374	18,205	1,169	6.0	18,179	1,195	6.2
Tennessee	26,728	24,740	1,988	7.4	24,587	2,140	8.0
West Virginia	15,411	14,246	1,165	7.6	14,195	1,216	7.9

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In thousands of acres, except percent.



8 • Geography and Climate

TABLE 8.8
Extreme and Mean Elevation in the U.S., Virginia, and Surrounding States

	Highest Point		Lowest Point		Approximate Mean Elevation
	Name	Elevation	Name	Elevation	
United States	Mt. McKinley	20,320	Death Valley	-282	2,500
Virginia	Mount Rogers	5,729	Atlantic Ocean	Sea Level	950
Delaware	Ebright Road	442	Atlantic Ocean	Sea Level	60
District of Columbia	Tenleytown	410	Potomac River	1	150
Florida	Section 30, Walton Co.	345	Atlantic Ocean	Sea Level	100
Georgia	Brasstown Bald	4,784	Atlantic Ocean	Sea Level	600
Kentucky	Black Mountain	4,145	Mississippi River	257	750
Maryland	Backbone Mountain	3,360	Atlantic Ocean	Sea Level	350
North Carolina	Mount Mitchell	6,684	Atlantic Ocean	Sea Level	700
South Carolina	Sassafras Mountain	3,560	Atlantic Ocean	Sea Level	350
Tennessee	Clingmans Dome	6,643	Mississippi River	182	900
West Virginia	Spruce Knob	4,863	Potomac River	240	1,500

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: "Elevation" in feet.

TABLE 8.9
Fifty Highest Mountains of Virginia

Peak Name	Elevation	Location	Peak Name	Elevation	Location
1 Mt. Rogers	5,729	Smyth/Grayson	26 Slate Springs Mtn,		
2 Pine Mtn	5,526	Grayson	Flagpole Knob	4,360+	Rockingham
3 Whitetop Mtn	5,520+	Washington/	27 Little Bald Knob	4,351	Augusta
		Smyth/Grayson	28 Clinch Mtn Spur	4,280+	Russell
4 Haw Orchard Mtn	5,080+	Grayson	29 Rich Mtn, Wynne Peak	4,273	Tazewell
5 Beech Mtn	4,966	Washington	30 Warm Springs Mtn,		
6 Bluff Mtn	4,840+	Grayson	Bald Knob	4,240+	Bath
7 Garden Mtn	4,710	Tazewell	31 Red Oak Knob	4,229	Highland
8 Beartown Mtn	4,689	Russell	32 Apple Orchard Mtn	4,225	Botetourt/
9 Buck Mtn, High Rock	4,670	Grayson			Bedford
10 Iron Mtns, Grave Mtn	4,640+	Smyth	33 Mad Sheep	4,225	Bath
11 Round Top	4,626	Smyth	34 Stone Mtn	4,223	Wise
12 Clinch Mtn	4,600+	Tazewell	35 Brumley Mtn,		
13 Point Lookout Mtn,			Brumley Rim	4,221	Washington
The Pinnacle	4,550	Grayson	36 Sapling Ridge	4,208	Highland
14 "Allegheny Mtn"	4,546	Highland	37 Butt Mtn	4,200+	Giles
15 Flattop Mtn	4,528	Smyth	38 Short Mtn	4,200+	Tazewell
16 Double Top	4,520	Smyth	39 Bearcamp Knob	4,170	Highland
17 Paddy Knob	4,477	Highland/Bath	40 Seng Mtn	4,160+	Smyth
18 Great North Mtn,			41 Big Ridge	4,132	Grayson
Elliott Knob	4,463	Augusta	42 Potts Mtn	4,128	Giles
19 Knob Mtn,			43 Big Bald Knob	4,120+	Augusta
Morris Knob	4,440+	Tazewell	44 Middle Mtn,		
20 Snowy Mtn	4,400+	Highland	The Stamp	4,115	Highland
21 Redrock Mtn	4,400+	Smyth	45 Dundore Mtn	4,101	Rockingham
22 Shenandoah Mtn,			46 Glade Mtn	4,093	Smyth
Reddish Knob	4,397	Augusta	47 Sugar Run Mtn	4,087	Giles

CONTINUED ➡

TABLE 8.9
Fifty Highest Mountains of Virginia, *CONTINUED*

Peak Name	Elevation	Location	Peak Name	Elevation	Location
23 Jack Mtn, Riven Rocks	4,386	Highland	48 Razor Edge	4,080+	Grayson
24 East River Mtn	4,363	Tazewell	49 Peters Mtn	4,073	Giles
25 Salt Pond Mtn, Bald Knob	4,361	Giles	50 Big Mtn, Brushy Top	4,072	Giles

SOURCE: Commonwealth of Virginia, Department of Mines, Minerals and Energy. *Virginia Minerals*. "Highest Mountains of the Commonwealth." Volume 33, No. 2, May 1987.

NOTE: "Elevation" in feet.

TABLE 8.10
Temperature Averages and Extremes for Selected Localities in Virginia

Locality	Reporting Period	Temperature					
		Mean		Extremes			
		Daily Maximum	Daily Minimum	High		Low	
				Degrees	Date	Degrees	Date
Counties:							
Accomack	1941-70	67.8	48.1	103	7/52	-5	1/65
Bath	1941-70	62.4	39.8	99	7/66	-11	1/63
Botetourt	1941-70	69.5	43.7	107	7/54	-4	3/60
Brunswick	1945-70	70.2	46.3	107	7/52	-2	12/58
Buckingham	1941-70	68.7	44.2	102	9/54	-12	1/42
Charlotte	1946-71	68.3	44.8	106	7/54	-1	1/62
Clarke	1942-71	65.4	40.8	103	8/53	-13	1/68
Culpeper (Culpeper)	1941-70	68.0	44.0	107	7/52	-14	1/61
Culpeper (Elkwood)	1941-70	67.3	43.0	105	9/54	14	1/42
Floyd	1941-70	64.4	40.9	103	6/45	13	12/62
Fluvanna	1941-70	69.1	43.5	105	9/54	-7	1/42
Franklin	1941-70	68.1	43.1	102	7/66	-2	1/63
Giles	1941-70	68.0	42.9	104	6/69	-9	1/63
Halifax	1941-70	69.7	45.9	107	7/52	-2	12/58
Hanover	1947-69	68.3	44.1	105	9/54	-7	1/57
Highland	1941-70	60.0	36.9	95	7/52	-14	12/62
King and Queen	1941-70	69.7	45.4	106	6/52	-10	1/42
King William	1954-72	69.2	46.4	105	9/54	-3	1/70
Lee	1941-70	66.5	41.6	105	7/52	-15	2/66
Loudoun (Mount Weather)	1941-70	60.4	41.9	98	9/53	-8	1/63
Loudoun (Lincoln)	1941-70	67.1	44.3	106	8/53	-5	12/60
Louisa	1941-70	68.0	44.5	104	9/54	-9	1/62
Mecklenburg	1948-71	69.4	46.2	105	7/52	-1	1/64
Middlesex	1941-70	68.2	48.4	105	9/54	1	1/70
Montgomery	1941-70	64.0	40.8	100	7/52	-12	2/70
Northampton	1941-70	68.8	50.2	102	7/52	0	12/46
Nottoway	1941-70	68.3	47.6	104	9/54	-5	1/42
Orange	1946-70	67.5	44.2	106	9/54	-9	1/70
Page (Luray)	1941-70	67.2	40.7	103	7/54	-10	1/61
Page (Big Meadows)	1941-70	57.5	38.0	94	10/41	-14	2/58

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TABLE 8.10
Temperature Averages and Extremes for Selected
Localities in Virginia, *CONTINUED*

Locality	Reporting Period	Temperature					
		Mean		Extremes			
		Daily Maximum	Daily Minimum	High		Low	
				Degrees	Date	Degrees	Date
Patrick	1941-71	68.0	46.0	102	7/52	-17	1/66
Pittsylvania	1941-70	68.6	45.5	104	9/54	0	12/58
Prince Edward	1940-69	70.3	44.0	105	7/54	-16	1/40
Prince George	1946-70	68.9	46.3	105	9/54	-1	1/70
Prince William	1941-70	66.4	46.5	105	9/54	-5	1/61
Pulaski	1941-70	63.7	41.7	100	7/52	-5	1/70
Richmond	1941-71	69.0	46.4	106	7/42	-4	1/61
Roanoke	1941-70	64.7	43.6	101	7/54	-8	1/63
Rockingham (Timberville)	1941-70	65.5	41.6	101	9/54	-16	1/61
Rockingham (Dale Enterprise)	1941-70	65.0	41.8	100	9/54	-12	1/61
Shenandoah	1941-70	67.1	42.3	105	8/53	-10	1/63
Smyth (Saltville)	1941-70	66.8	43.2	100	9/54	-10	1/63
Smyth (Chilhowie)	1952-71	65.3	38.3	99	9/54	-19	12/62
Southampton	1954-72	71.4	47.2	104	9/54	0	12/58
Spotsylvania	1952-71	68.9	41.5	106	9/53	-16	1/70
Tazewell	1941-70	61.0	38.2	92	8/43	-24	2/70
Wise	1955-72	63.1	40.8	92	7/66	-23	1/63
Wythe	1941-70	64.9	41.1	96	7/66	-10	1/63
Cities:							
Bedford	1941-70	69.3	44.6	104	7/54	-3	12/42
Charlottesville	1941-70	66.9	47.0	107	9/54	1	2/58
Danville	1941-70	70.8	46.6	105	7/54	-4	1/42
Falls Church	1945-70	66.0	44.2	102	7/54	-13	1/61
Fredericksburg	1941-70	68.5	43.6	106	9/53	-7	1/64
Galax	1955-72	64.6	40.0	94	6/68	-7	1/63
Hampton	1941-70	67.4	51.2	102	6/44	5	1/42
Hopewell	1940-69	71.3	48.5	104	6/52	-5	1/40
Lexington	1941-70	67.9	43.4	102	7/52	-8	1/61
Lynchburg	1941-86	66.4	45.5	103	7/54	-10	1/85
Manassas	1941-70	67.2	43.8	103	7/54	-8	1/68
Martinsville	1941-70	69.4	43.3	104	7/52	-5	1/70
Newport News	1948-71	70.0	51.9	105	6/52	7	1/70
Norfolk	1941-86	68.2	50.7	104	8/80	-3	1/85
Richmond	1940-86	68.8	46.5	105	7/77	-12	1/40
Roanoke	1941-86	66.9	45.2	105	8/83	-11	1/85
Staunton	1941-70	65.5	42.3	102	7/54	-10	1/42
Suffolk (Suffolk)	1945-71	69.5	48.1	105	6/52	5	12/58
Suffolk (Holland)	1941-70	70.1	47.4	105	7/42	-2	1/42
Virginia Beach (Back Bay)	1954-72	67.3	52.0	103	7/57	8	1/70
Virginia Beach (Cape Henry)	1941-69	66.5	52.8	104	6/44	12	1/66
Virginia Beach (Diamond Springs)	1941-70	69.3	50.9	106	6/44	8	1/70
Williamsburg	1941-70	69.9	47.2	104	6/52	-3	12/42
Winchester	1941-70	65.6	44.2	103	9/53	-10	1/68

SOURCES: Crockett, Curtis W., *Climatological Summaries for Selected Stations in Virginia*. Bulletin 53, Water Resources Research Center, Virginia Polytechnic Institute and State University. Blacksburg, Virginia, 1972; National Oceanic and Atmospheric Administration, Environmental Data and Information Service, National Climatic Center. *Local Climatological Data, Annual Summary with Comparative Data*. Asheville, North Carolina, annual.

NOTE: "Temperature" in degrees Fahrenheit.

TABLE 8.11
Temperature and Precipitation for Selected Localities in Virginia

Locality	Reporting Period	Temperature				Precipitation	
		Mean Number of Days					
		Maximum		Minimum		Annual Average	Snow/ Sleet
		90° Or Over	32° Or Below	32° Or Below	0° Or Below		
Counties:							
Accomack	1941-70	25	4	77	0	42.5	10.7
Bath	1941-70	3	20	128	3	40.6	28.7
Botetourt	1941-70	43	4	105	0	41.8	22.7
Brunswick	1945-70	45	4	89	0	43.3	12.5
Buckingham	1941-70	29	4	107	1	40.8	19.5
Charlotte	1946-71	33	7	94	0	40.4	14.6
Clarke	1942-71	30	15	126	3	36.9	32.5
Culpeper (Culpeper)	1941-70	38	7	103	1	40.9	18.9
Culpeper (Elkwood)	1941-70	37	8	111	1	39.7	19.2
Floyd	1941-70	7	13	120	2	42.8	17.5
Fluvanna	1941-70	47	5	116	1	38.1	14.1
Franklin	1941-70	32	6	108	0	41.8	16.0
Giles	1941-70	29	9	108	1	35.3	15.9
Halifax	1941-70	47	5	94	0	41.8	9.8
Hanover	1947-69	35	7	104	0	40.4	NA
Highland	1941-70	0	29	144	6	39.0	37.2
King and Queen	1941-70	45	4	95	1	43.9	13.2
King William	1954-72	41	5	93	0	43.8	14.4
Lee	1941-70	16	11	117	2	50.1	20.2
Loudoun (Mount Weather)	1941-70	5	32	121	1	39.7	30.3
Loudoun (Lincoln)	1941-70	40	9	104	0	41.1	26.0
Louisa	1941-70	39	7	102	1	41.6	19.9
Mecklenburg	1948-71	40	4	94	0	40.1	NA
Middlesex	1941-70	34	5	75	0	42.1	12.6
Montgomery	1941-70	8	17	124	2	38.2	19.7
Northampton	1941-70	29	3	57	0	40.9	7.3
Nottoway	1941-70	33	6	79	0	42.0	15.3
Orange	1946-70	37	8	102	1	38.7	22.0
Page (Luray)	1941-70	32	10	124	3	38.6	26.9
Page (Big Meadows)	1941-70	0	35	133	5	48.7	45.3
Patrick	1941-71	22	4	85	0	49.3	10.5
Pittsylvania	1941-70	36	4	96	0	42.6	13.6
Prince Edward	1940-69	47	4	108	1	43.2	16.1
Prince George	1946-70	37	4	90	0	44.7	9.6
Prince William	1941-70	34	9	92	0	36.5	16.7
Pulaski	1941-70	6	16	116	1	36.9	NA
Richmond	1941-71	44	6	89	0	41.3	15.4
Roanoke	1941-70	9	13	100	0	40.7	22.6
Rockingham (Timberville)	1941-70	22	12	120	2	35.0	25.0
Rockingham (Dale Enterprise)	1941-70	19	13	118	2	34.0	26.3
Shenandoah	1941-70	36	10	114	1	33.8	26.2
Smyth (Saltville)	1941-70	21	12	106	1	43.1	21.0
Smyth (Chilhowie)	1952-71	10	13	139	6	41.1	20.0
Southampton	1954-72	51	2	83	0	47.3	9.1
Spotsylvania	1952-71	47	5	122	3	42.2	18.6
Tazewell	1941-70	0	21	136	4	42.4	39.8
Wise	1955-72	0	18	116	4	46.3	37.3
Wythe	1941-70	5	12	119	1	37.0	18.3

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**TABLE 8.11**
Temperature and Precipitation for Selected Localities in Virginia, *CONTINUED*

Locality	Reporting Period	Temperature				Precipitation	
		Mean Number of Days					
		Maximum		Minimum			
		90° Or Over	32° Or Below	32° Or Below	0° Or Below	Annual Average	Snow / Sleet
Cities:							
Bedford	1941-70	38	4	95	0	42.9	16.2
Charlottesville	1941-70	35	11	87	0	44.3	22.5
Danville	1941-70	57	4	88	0	42.7	8.9
Falls Church	1945-70	31	11	105	1	41.6	25.0
Fredericksburg	1941-70	47	7	113	1	40.1	15.9
Galax	1955-72	3	13	130	1	40.8	22.7
Hampton	1941-70	27	5	55	0	42.3	8.9
Hopewell	1940-69	54	4	76	0	42.6	12.1
Lexington	1941-70	29	6	107	1	37.8	21.5
Lynchburg	1941-86	22	10	92	1	39.9	31.8
Manassas	1941-70	38	7	106	1	39.3	15.8
Martinsville	1941-70	41	4	111	0	43.9	14.5
Newport News	1948-71	44	3	44	0	44.4	NA
Norfolk	1941-86	31	5	55	0	45.2	18.9
Richmond	1940-86	43	7	85	1	44.1	28.5
Roanoke	1941-86	25	11	92	0	39.2	41.2
Staunton	1941-70	18	11	114	1	35.3	22.0
Suffolk (Suffolk)	1945-71	37	4	79	0	46.9	9.1
Suffolk (Holland)	1941-70	43	4	85	0	47.5	8.1
Virginia Beach (Back Bay)	1954-72	15	3	45	0	46.1	3.0
Virginia Beach (Cape Henry)	1941-69	21	4	37	0	40.5	5.9
Virginia Beach (Diamond Springs)	1941-70	37	3	55	0	47.0	7.1
Williamsburg	1941-70	39	4	87	0	43.9	9.2
Winchester	1941-70	30	14	103	0	37.3	26.9

SOURCES: Crockett, Curtis W., *Climatological Summaries for Selected Stations in Virginia*. Bulletin 53, Water Resources Research Center, Virginia Polytechnic Institute and State University, Blacksburg, Virginia, 1972; National Oceanic and Atmospheric Administration, Environmental Data and Information Service, National Climatic Center. *Local Climatological Data, Annual Summary with Comparative Data*. Ashville, North Carolina, annual.

NOTE: "Precipitation" in inches.

TABLE 8.12
National Ambient Air Quality Standards

Pollutant	Primary Standard		Secondary Standard	
	Micrograms per cubic meter	Parts per million	Micrograms per cubic meter	Parts per million
Suspended Particulates				
Annual geometric mean	75	...	60 ^b	...
24-hour concentration	260 ^a	...	150 ^a	...
Carbon Monoxide				
8-hour concentration	...	9.0 ^a	...	9.0 ^a
1-hour concentration	...	35.0 ^a	...	35.0 ^a

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TABLE 8.12
National Ambient Air Quality Standards, *CONTINUED*

Pollutant	Primary Standard		Secondary Standard	
	Micrograms per cubic meter	Parts per million	Micrograms per cubic meter	Parts per million
Sulfur Dioxide				
annual arithmetic mean	80	0.03	...	...
24-hour concentration	365 ^a	0.14 ^a	...	...
3-hour concentration	...	...	1300 ^a	0.5 ^a
Nitrogen Dioxide				
annual arithmetic mean	100	0.05	100	0.05
Ozone				
1-hour concentration	235 ^c	0.12 ^c	235 ^c	0.12 ^c
Lead				
Quarterly arithmetic mean	1.5	...	...	...

SOURCE: Commonwealth of Virginia, State Air Pollution Control Board. *Virginia Ambient Air Quality Data Report 1986*. Richmond, Virginia, annual.

NOTES: National standards have been adopted by the State Air Pollution Control Board as state standards.
"Primary Standard" defines levels of air quality necessary to protect the public health with an adequate margin of safety.

"Secondary Standard" defines levels of air quality necessary to prevent any degradation or harm to the total environment.

^aNot to be exceeded more than once per year.

^bA guide for assessing achievement of 24-hour standards.

^cNot to be exceeded more than one day per year (three year average).

TABLE 8.13
Air Pollutant Emissions for the U.S., Virginia, and Surrounding States: 1982

	Emissions				
	Particulates	Sulfur Oxides	Nitrogen Oxides	Hydrocarbons	Carbon Monoxide
United States	40,661	25,540	22,929	19,779	88,440
Virginia	406	294	360	421	1,867
Delaware	40	89	70	58	215
District of Columbia	22	15	23	29	208
Florida	966	1,013	726	669	3,858
Georgia	711	966	572	425	2,295
Kentucky	348	1,032	484	281	1,290
Maryland	229	297	265	291	1,433
North Carolina	715	637	561	554	2,229
South Carolina	353	306	271	401	1,192
Tennessee	644	831	509	515	1,892
West Virginia	384	1,079	521	143	838

SOURCE: U.S. Department of Commerce, Bureau of the Census. *State and Metropolitan Area Data Book 1986*. U.S. Government Printing Office, Washington, D.C., 1986.

NOTE: "Emissions" in thousands of tons.



TABLE 8.14
Summary of Air Quality by Region, Virginia: 1986

Total Suspended Particulate (Micrograms per cubic meter)

Region	Total Number of Readings	Number of Readings > 150	Number of Readings > 260	Maximum 24-hour Readings
I	362	...	...	111
II	476	2	...	178
III	545	1	...	162
IV	206	...	...	104
V	556	1	...	168
VI	647	...	...	142
VII	228	...	...	120
Fairfax County	613	2	...	175

Carbon Monoxide (parts per million)

Region	Total Number of Readings	Number of 1-hour Readings > 35	1-hour Maximum Reading	Number of 8-hour Readings > 9	8-hour Maximum Reading
II	8,279	...	5.2	...	3.6
V	16,804	...	10.0	...	6.9
VI	25,370	...	14.5	...	9.0
VII	16,517	...	13.5	...	8.4
Fairfax County	23,561	...	20.0	2	9.7

Sulfur Oxide (parts per million)

Region	Total Number of Readings	Number of Readings > 0.14	Maximum 24-hour Readings
I	2,109	...	0.02
II	8,354	...	0.02
V	25,431	...	0.04
VI	17,430	...	0.04
VII	12,507	...	0.04
Fairfax County	31,163	...	0.04

Nitrogen Oxide (parts per million)

Region	Total Number of Readings	Maximum 1-hour Reading	Maximum Annual Arithmetic Mean
II	8,317	0.08	0.01
V	8,439	0.08	0.02
VI	8,636	0.08	0.02
VII	16,813	0.10	0.03
Fairfax County	18,078	0.11	0.02

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TABLE 8.14
Summary of Air Quality by Region, Virginia: 1986, *CONTINUED*

Ozone (parts per million)

Region	Total Number of Readings	Maximum 1-hour Reading	Number of Days 1-hour Standard > 0.12
I	3,986	0.10	...
II	8,446	0.10	...
IV	8,738	0.11	...
V	20,688	0.12	...
VI	17,420	0.14	1
VII	8,478	0.13	2
Fairfax County	30,916	0.14	4

Lead (micrograms per cubic meter)

Region	Total Number of Readings	Maximum Quarterly Mean	Number of Quarterly Means > 1.5
VI	93	0.08	...
Fairfax County	288	0.17	...

SOURCE: Commonwealth of Virginia, State Air Pollution Control Board. *Virginia Ambient Air Quality Data Report 1986*. Richmond, Virginia, annual.



Section 9: Government and Elections

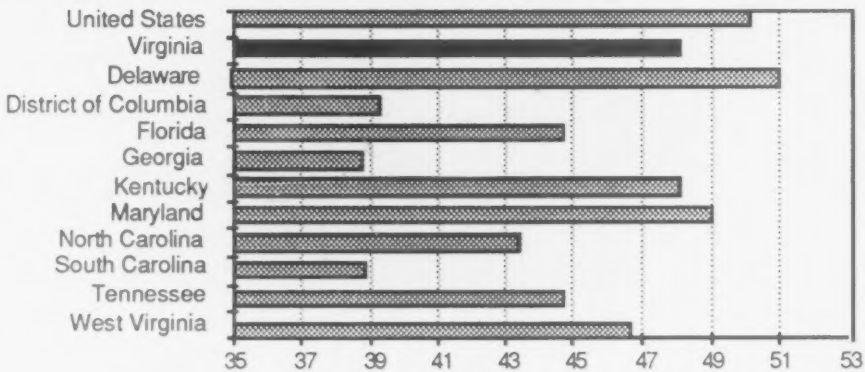
Most of the tables in this section are devoted to election results in Virginia for recent national and state elections. Data are also included on the voting age population (age, sex, and percent voting), the number of women and Blacks in elected office, the selection and salaries of Virginia state officials, and the party composition of state and national elected bodies. For an analysis of all statewide elections since 1924, readers may consult the *Virginia Votes* series, published by the Center for Public Service. For detailed information concerning Virginia's electoral districts and current members of the General Assembly, another useful source is *The Almanac of Virginia Politics*, published annually by the Woman Activist Fund. In addition, the *Report of the Secretary of the Commonwealth*, issued annually, is the official guide to the three branches of state government and the governments in Virginia's counties, cities, and towns.

The Census of Governments, conducted by the Bureau of the Census every five years, surveys the number and characteristics of local governments by state in its first volume, *Government Organization*. The first four tables in this section present data from the 1987 Census of Governments.

Election results for Virginia are compiled by the State Board of Elections in *Official Election Results*. Results in most of the tables here are presented by major political party, with the names of individual candidates listed at the end of each table. Results are also broken down by electoral district: Virginia has ten U.S. Congressional Districts, one hundred Legislative Districts for Members of the House of Delegates, and forty Senatorial Districts for Members of the Senate of Virginia.

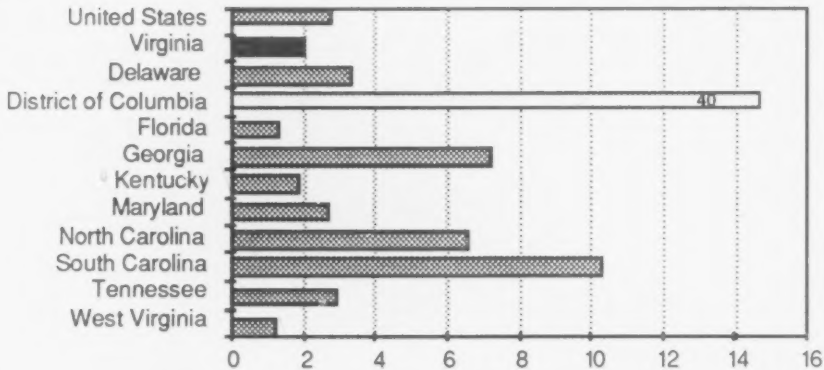
National election statistics are collected by the Clerk of the U.S. House of Representatives and published every two years in *Statistics of the Presidential and Congressional Election*. For information about the voting age population (such as age distribution and percent voting), the primary source is the U.S. Bureau of the Census, which presents these data in *Current Population Reports* (Series P-25). Data summarized from both these sources are available in the Census Bureau's *Statistical Abstract of the United States* and *State and Metropolitan Area Data Book*. Finally, information on state officials and salaries comes from *The Book of the States* (Council of State Governments), which is in general an excellent source of comparative, state-by-state information on all aspects of state government.

Figure 9.1
Percent of Voting Age Population
Casting Votes for President: 1988



Source:
 Table 9.6

Figure 9.2
Black Elected Officials: 1988



Source:
 Table 9.8



Map 9.1
Congressional Districts

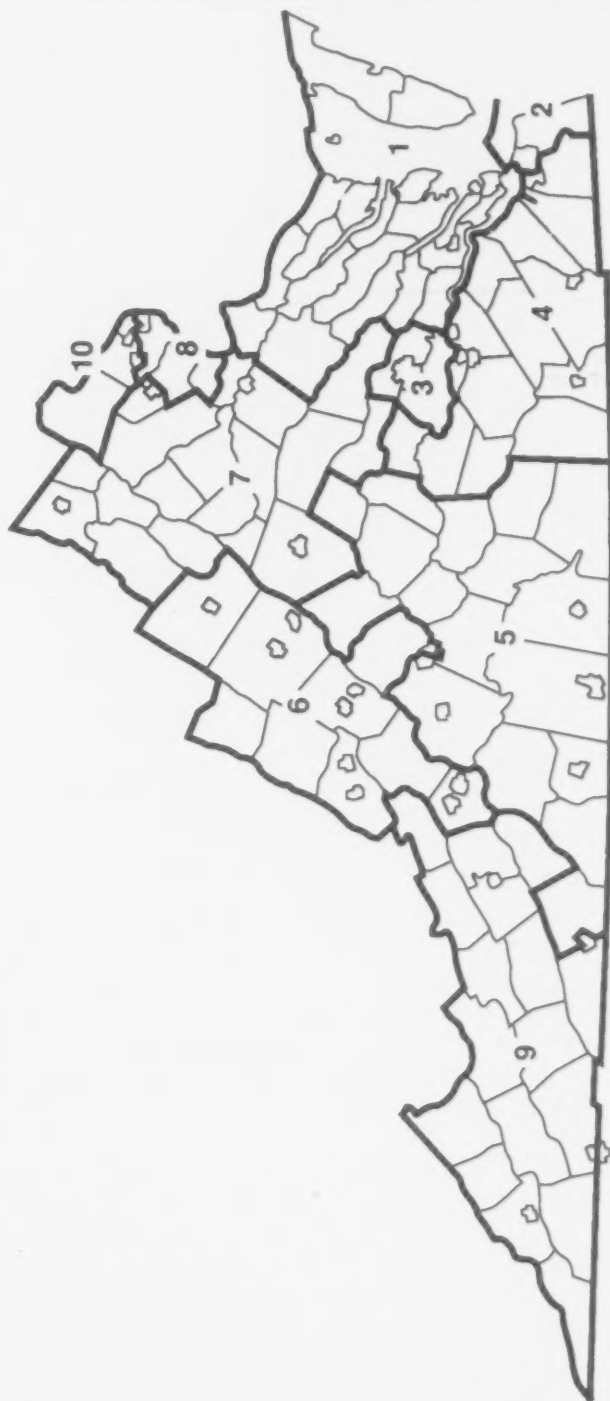


TABLE 9.1
Government Units for the U.S., Virginia, and Surrounding States: 1942-1987

	1987	1982	1977	1972	1967	1962	1957	1952	1942
United States	83,237	81,831	79,913	78,269	81,299	91,237	102,392	116,807	155,116
Virginia	431	408	390	386	374	381	367	366	323
Delaware	282	218	211	159	171	208	132	108	70
District of Columbia	2	2	2	3	2	2	2	2	2
Florida	966	970	912	866	828	765	672	617	503
Georgia	1,287	1,269	1,264	1,244	1,204	1,219	1,121	976	946
Kentucky	1,304	1,242	1,184	1,136	953	873	822	796	771
Maryland	402	440	427	404	362	352	328	328	207
North Carolina	917	906	875	803	753	675	624	608	603
South Carolina	708	646	586	584	562	553	503	413	2,057
Tennessee	905	914	906	882	792	658	560	435	328
West Virginia	631	634	596	509	456	390	362	350	326

SOURCE: U.S. Department of Commerce, Bureau of the Census. 1987 Census of Governments. *Government Organization*. U.S. Government Printing Office, Washington, D.C., 1988.

TABLE 9.2
Number of Government Units by Type for the U.S., Virginia, and Surrounding States: 1987

	All Government Units	Local Governments				
		County	Municipal	Township	School District	Special District
United States ¹	83,217	3,042	19,205	16,691	14,741	29,487
Virginia	431	95	228	...	...	107
Delaware	282	3	57	...	19	202
District of Columbia	2	...	1	...	...	1
Florida	967	66	391	...	95	414
Georgia	1,286	158	532	...	186	409
Kentucky	1,301	119	437	...	178	566
Maryland	399	23	155	...	...	220
North Carolina	916	100	495	...	...	320
South Carolina	707	46	269	...	92	299
Tennessee	905	94	334	...	14	462
West Virginia	631	55	230	...	55	290

SOURCE: U.S. Department of Commerce, Bureau of the Census. 1987 Census of Governments. Preliminary Report GC87-1(P). *Governmental Units in 1987*. U.S. Government Printing Office, Washington, D.C., 1987.

NOTE: ¹Includes the Federal government and the 50 state governments, not shown in distribution by type.



TABLE 9.3

Number of Special District Governments by Function, Virginia: 1977-1987

Function	1987	1982	1977
All special districts	106	83	65
All single-function districts	103	80	65
Education services:			
Education ¹	...	...	...
Libraries	22	...	...
Social Services:			
Hospitals	5	6	3
Health ²	1	...	...
Transportation:			
Highways	3	3	3
Airports	14	16	...
Other ²	...	...	...
Fire protection	...	...	...
Environment and Housing:			
Natural Resources ³	43	42	39
Drainage and flood control	...	...	...
Irrigation	...	...	...
Soil and water conservation	43	42	39
Other	...	...	...
Parks and recreation	1	1	2
Housing and community development	...	...	...
Sewerage	6	6	5
Solid waste disposal	1	...	...
Utilities:			
Water supply	3	1	...
Other ⁴	3	4	...
Cemeteries	...	...	...
Other	...	...	13
All multiple-function districts	3	3	...
Natural resources and water supply	1	...	...
Sewerage and water supply	2	1	...
Other	...	2	...

SOURCES: U.S. Department of Commerce, Bureau of the Census. 1987 Census of Governments. *Government Organization*. U.S. Government Printing Office, Washington, D.C., 1988; U.S. Department of Commerce, Bureau of the Census. 1982 Census of Governments. GC82(1), Volume 1. *Governmental Organization*. U.S. Government Printing Office, Washington, D.C., 1983; U.S. Department of Commerce, Bureau of the Census. 1977 Census of Governments. Volume 1, *Governmental Organization*, Number 1. *Governmental Organization*. U.S. Government Printing Office, Washington, D.C., 1978.

NOTES: 1 Primarily school building authorities.
 2 Includes parking facilities and water transport and terminals.
 3 Functions within the "Natural resources" category overlap.
 4 Includes electric power, gas supply, and transit.

TABLE 9.4
Local Governments and Public School Systems
for Virginia's Counties and Cities: 1987

	Total Governments	Municipal Governments	Special District Governments	Dependent Public School Systems
Virginia	430	229	106	140
Counties				
Accomack	17	14	2	1
Albemarle	5	1	3	1
Alleghany	3	1	1	1
Amelia	1	...	...	1
Amherst	3	1	1	1
Appomattox	3	2	...	1
Arlington	1	...	...	1
Augusta	4	1	2	1
Bath	2	...	1	1
Bedford	2	...	1	1
Bland	2	...	1	1
Botetourt	5	3	1	1
Brunswick	5	3	1	1
Buchanan	2	1	...	1
Buckingham	3	1	1	1
Campbell	4	2	1	1
Caroline	3	2	...	1
Carroll	3	1	1	1
Charles City	1	...	...	1
Charlotte	5	4	...	1
Chesterfield	2	...	1	1
Clarke	3	2	...	1
Craig	2	1	...	1
Culpeper	3	1	1	1
Cumberland	1	...	...	1
Dickenson	4	2	1	1
Dinwiddie	3	1	1	1
Essex	3	1	1	1
Fairfax	5	3	1	1
Fauquier	4	3	...	1
Floyd	3	1	1	1
Fluvanna	2	1	...	1
Franklin	4	2	1	1
Frederick	4	2	1	1
Giles	6	5	...	1
Gloucester	1	...	...	1
Goochland	2	...	1	1
Grayson	6	3	2	2
Greene	2	1	...	1
Greensville	2	1	...	1
Halifax	8	4	3	1
Hanover	4	1	2	1
Henrico	3	...	2	1
Henry	2	1	...	1
Highland	2	1	...	1
Isle of Wight	4	2	1	1
James City	1	...	...	1
King and Queen	1	...	...	1
King George	1	...	...	1
King William	2	1	...	2
Lancaster	4	3	...	1
Lee	5	3	1	1
Loudoun	9	7	1	1

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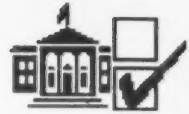


TABLE 9.4
Local Governments and Public School Systems for
Virginia's Counties and Cities: 1987, *CONTINUED*

	Total Governments	Municipal Governments	Special District Governments	Dependent Public School Systems
Louisa	4	2	1	1
Lunenburg	3	2	...	1
Madison	2	1	...	1
Mathews	1	...	...	1
Mecklenburg	8	5	2	1
Middlesex	2	1	...	1
Montgomery	5	2	2	1
Nelson	1	...	...	1
New Kent	3	...	2	1
Northampton	9	5	3	2
Northumberland	1	...	...	1
Nottoway	4	3	...	1
Orange	3	2	...	1
Page	4	3	...	1
Patrick	2	1	...	1
Pittsylvania	5	3	1	1
Powhatan	1	...	...	1
Prince Edward	3	1	1	1
Prince George	2	...	1	1
Prince William	7	4	2	1
Pulaski	5	2	2	1
Rappahannock	2	1	...	1
Richmond	3	1	1	1
Roanoke	2	1	...	1
Rockbridge	3	2	...	1
Rockingham	10	7	2	1
Russell	5	3	1	1
Scott	9	6	2	1
Shenandoah	7	6	...	1
Smyth	7	3	3	1
Southampton	9	6	2	1
Spotsylvania	2	...	1	1
Stafford	1	...	...	1
Surry	4	3	...	1
Sussex	4	3	...	1
Tazewell	8	5	2	1
Warren	2	1	...	1
Washington	6	3	2	1
Westmoreland	3	2	...	2
Wise	10	6	3	1
Wythe	3	2	...	1
York	1	...	...	1
Cities				
Alexandria	1	1	...	1
Bedford	2	1	1	1
Bristol	1	1	...	1
Buena Vista	1	1	...	1
Charlottesville	3	1	2	1
Chesapeake	3	1	2	1
Clifton Forge	1	1	...	1
Colonial Heights	1	1	...	1
Covington	3	1	2	1
Danville	1	1	...	1
Emporia	2	1	1	1
Fairfax	1	1	...	1
Falls Church	1	1	...	1

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TABLE 9.4

Local Governments and Public School Systems for
Virginia's Counties and Cities: 1987, *CONTINUED*

	Total Governments	Municipal Governments	Special District Governments	Dependent Public School Systems
Franklin	1	1	...	1
Fredericksburg	2	1	1	1
Galax	3	1	2	1
Hampton	2	1	1	1
Harrisonburg	2	1	1	1
Hopewell	3	1	2	1
Lexington	2	1	1	1
Lynchburg	1	1	...	1
Manassas	1	1	...	1
Manassas Park	1	1	...	1
Martinsville	3	1	2	1
Newport News	2	1	1	1
Norfolk	4	1	3	1
Norton	1	1	...	1
Petersburg	3	1	2	1
Poquoson	1	1	...	1
Portsmouth	1	1	...	1
Radford	1	1	...	1
Richmond	3	1	2	1
Roanoke	1	1	...	1
Salem	1	1	...	1
South Boston	1	1	...	1
Staunton	1	1	...	1
Suffolk	1	1	...	1
Virginia Beach	2	1	1	1
Waynesboro	1	1	...	1
Williamsburg	2	1	1	1
Winchester	4	1	3	1
MSAs				
Bristol (Va. portion)	16	10	4	3
Charlottesville	12	4	5	4
Danville	6	4	1	2
Lynchburg	8	4	2	3
Norfolk	21	9	9	12
Northern Virginia	28	19	4	10
Richmond	31	6	16	13
Roanoke	9	6	1	4
Planning Districts				
LENOWISCO	25	16	6	4
Cumberland Plateau	19	11	4	4
Mount Rogers	31	14	11	9
New River Valley	20	11	5	5
Fifth	18	10	4	8
Central Shenandoah	28	16	7	10
Lord Fairfax	24	15	4	6
Northern Virginia	27	19	4	9
Rappahannock-Rapidan	14	8	1	5
Thomas Jefferson	17	6	6	6
Central Virginia	15	7	4	6
West Piedmont	17	9	4	6
Southside	22	13	6	4
Piedmont	20	11	2	7
Richmond Regional	19	2	10	8

CONTINUED ➡



TABLE 9.4
Local Governments and Public School Systems for
Virginia's Counties and Cities: 1987, *CONTINUED*

	Total Governments	Municipal Governments	Special District Governments	Dependent Public School Systems
RADCO	9	3	2	5
Northern Neck	11	6	1	5
Middle Peninsula	10	3	1	7
Crater	24	12	7	9
Southeastern Virginia	25	14	9	8
Peninsula	9	4	3	6
Accomack-Norhampton	26	19	5	3

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1987 Census of Governments, *Government Organization*. U.S. Government Printing Office, Washington, D.C., 1988.

NOTES: A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
 A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 9.5
Resident Population of Voting Age for the U.S.,
Virginia, and Surrounding States: 1972-1988

	1988	1986	1984	1982	1980	1976	1972
United States	182,628	178,335	174,447	169,939	164,595	152,308	140,777
Virginia	4,544	4,377	4,241	4,075	3,924	3,613	3,257
Delaware	490	469	458	445	431	412	379
District of Columbia	489	483	488	489	494	525	537
Florida	9,614	9,111	8,631	8,090	7,566	6,408	5,313
Georgia	4,665	4,402	4,228	4,049	3,872	3,494	3,153
Kentucky	2,746	2,728	2,696	2,654	2,594	2,434	2,223
Maryland	3,491	3,333	3,259	3,176	3,082	2,920	2,721
North Carolina	4,913	4,748	4,600	4,429	4,272	3,907	3,548
South Carolina	2,534	2,467	2,389	2,309	2,213	1,993	1,762
Tennessee	3,661	3,563	3,490	3,408	3,320	3,033	2,763
West Virginia	1,398	1,435	1,432	1,419	1,398	1,314	1,219

SOURCES: U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States 1987*. U.S. Government Printing Office, Washington, D.C., annual; U.S. Department of Commerce, Bureau of the Census, *Current Population Reports, Series P-25. Projections of the Population of Voting Age, for States: November 1988*. U.S. Government Printing Office, Washington, D.C., 1988.

NOTE: As of November. In thousands. Estimated population age 18 and over. Includes Armed Forces stationed in each state, aliens, and institutionalized population.

TABLE 9.6
Percent of Voting Age Population Casting Votes for the
U.S., Virginia, and Surrounding States: 1980–1988

	Percent Casting Votes For Presidential Electors			Percent Casting Votes For U.S. Representatives		
	1988	1984	1980	1986	1984	1982
United States	50.2%	53.1%	52.6%	33.4%	47.7%	38.0%
Virginia	48.2	50.7	47.5	23.8	43.4	32.7
Delaware	51.1	55.5	54.7	33.9	52.9	42.4
District of Columbia	39.4	43.1	35.4	26.0	33.1	22.9
Florida ¹	44.7	48.2	48.7	23.5	28.1	27.1
Georgia	38.8	42.0	41.3	24.0	35.9	22.4
Kentucky	48.2	50.8	49.9	23.1	44.0	26.4
Maryland	49.1	51.4	50.0	31.5	45.9	34.5
North Carolina	43.4	47.4	43.4	33.2	47.0	29.9
South Carolina	38.9	40.7	40.4	29.2	39.0	28.5
Tennessee	44.7	49.1	48.7	31.0	37.7	34.5
West Virginia	46.7	51.8	52.7	28.0	49.5	38.5

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: ¹State law does not require tabulation of votes for unopposed candidates.

TABLE 9.7
Selected Characteristics of the Resident Population of Voting
Age for the U.S., Virginia, and Surrounding States: 1984

	Total	Age 18–24	Age 25–44	Age 45–64	Age 65 & Over	Percent Female of Total
United States	173,936	28,994	72,166	44,586	28,190	52.3%
Virginia	4,203	756	1,810	1,063	574	51.8
Delaware	457	85	186	118	68	52.8
District of Columbia	482	85	208	115	74	54.8
Florida	8,529	1,210	3,052	2,323	1,945	52.9
Georgia	4,204	760	1,825	1,034	584	52.8
Kentucky	2,700	462	1,115	683	440	52.1
Maryland	3,259	572	1,397	839	451	52.5
North Carolina	4,559	794	1,888	1,183	694	52.5
South Carolina	2,386	437	1,018	597	335	52.4
Tennessee	3,476	567	1,436	903	570	52.8
West Virginia	1,433	208	580	387	257	52.6

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1986*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In thousands, except percent.



TABLE 9.8
Black Elected Officials by Office for the
U.S., Virginia, and Surrounding States: 1988

	Total	U.S. & State Legislatures	City & County Offices	Law Enforcement	Education
United States	6,793	424	4,089	738	1,542
Virginia	126	11	102	13	...
Delaware	22	3	13	1	5
District of Columbia	244	1	234	...	9
Florida	176	12	127	19	18
Georgia	458	29	335	19	75
Kentucky	70	2	49	7	12
Maryland	120	27	72	15	6
North Carolina	428	16	318	24	70
South Carolina	352	19	210	5	118
Tennessee	145	14	89	18	24
West Virginia	23	1	19	3	...

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: As of January, 1987.

"U.S. & State Legislatures" includes elected State administrators.

"City & County Offices" includes county commissioners and councilmen, mayors, vice mayors, aldermen, regional officials, and other.

"Law Enforcement" includes judges, magistrates, constables, marshals, sheriffs, justices of the peace, and other.

"Education" includes members of State education agencies, college boards, school boards, and other.

TABLE 9.9
Women Holding State and Local Public Offices for the
U.S., Virginia, and Surrounding States: 1975-1988

	Statewide Elective Office, 1988	State Legisla- ture, 1988	County Gov- erning Boards, 1987	Mayors & Municipal Council Members, 1985	1984 Total	1990 Total	1975 Total
United States	40	1,175	1,594	14,672	17,077	16,083	6,997
Virginia	1	14	43	211	246	226	132
Delaware	1	10	2	57	66	55	33
District of Columbia	(X)	(X)	(X)	7	6	6	3
Florida	1	33	51	311	366	395	204
Georgia	...	26	22	251	252	262	93
Kentucky	...	8	17	...	450	456	34
Maryland	...	39	21	133	195	157	92
North Carolina	...	24	51	337	418	332	174
South Carolina	...	12	36	184	189	127	84
Tennessee	...	12	111	144	212	196	96
West Virginia	...	21	13	202	209	204	135

SOURCES: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual; U.S. Department of Commerce, Bureau of the Census. *State and Metropolitan Area Data Book, 1986*. U.S. Government Printing Office, Washington, D.C., 1986.

NOTES: "Statewide Elective Office" as of August. Excludes women elected to the judiciary and women appointed to State cabinet-level positions.

NA—Not available.

X—Not applicable.

TABLE 9.10
Popular Vote Cast for President for the U.S.,
Virginia, and Surrounding States: 1980–1988

	1988			1984			1980		
	Total	Democr- atic	Repub- lican	Total	Democr- atic	Repub- lican	Total	Democr- atic	Repub- lican
United States	88,963	41,016	47,946	92,653	37,577	54,455	86,515	35,484	43,904
Virginia	2,166	861	1,305	2,147	796	1,337	1,866	752	990
Delaware	230	99	131	255	102	152	236	106	111
District of Columbia	179	153	26	211	180	29	175	131	24
Florida	4,171	1,632	2,539	4,180	1,449	2,730	3,687	1,419	2,047
Georgia	1,786	716	1,070	1,776	707	1,069	1,597	891	654
Kentucky	1,311	579	731	1,369	540	822	1,295	616	635
Maryland	1,628	794	834	1,676	788	880	1,540	726	681
North Carolina	2,122	890	1,232	2,175	824	1,346	1,856	876	915
South Carolina	967	368	600	969	344	616	894	430	442
Tennessee	1,617	678	939	1,172	712	990	1,618	783	788
West Virginia	647	339	308	736	328	405	738	367	334

SOURCES: U.S. Department of Commerce, Bureau of the Census. *State and Metropolitan Area Data Book*, 1986. U.S. Government Printing Office, Washington, D.C., 1986; adapted from Congressional Quarterly Inc. *Congressional Quarterly Weekly Report*. Volume 46, No. 46, November 12, 1988. Washington, D.C., weekly.

NOTE: In thousands.

TABLE 9.11
Electoral Vote Cast for President by Major Political Party for the U.S., Virginia,
and Surrounding States: 1976–1988

	1988	1984	1980	1976
United States	R-426; D-112	R-525; D-13	R-489; D-49	D-297; R-240
Virginia	R-12	R-12	R-12	R-12
Delaware	R-3	R-3	R-3	D-3
District of Columbia	D-3	D-3	D-3	D-3
Florida	R-21	R-21	R-17	D-17
Georgia	R-12	R-12	D-12	D-12
Kentucky	R-9	R-9	R-9	D-9
Maryland	R-10	R-10	D-10	D-10
North Carolina	R-13	R-13	R-13	D-13
South Carolina	R-8	R-8	R-8	D-8
Tennessee	R-11	R-11	R-10	D-10
West Virginia	D-6	R-6	D-6	D-6

SOURCES: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States*, 1986. U.S. Government Printing Office, Washington, D.C., annual; adapted from Congressional Quarterly Inc. *Congressional Quarterly Weekly Report*. Volume 46, No. 46, November 12, 1988. Washington, D.C., weekly.



TABLE 9.12
Election Results for United States President: November 8, 1988

Congressional District/ Locality	Total Votes Cast	Votes for Democratic Candidate	Votes for Republican Candidate	Votes for Independent Candidate	Votes for Libertarian Candidate
State Total	2,191,609	859,799	1,309,162	14,312	8,336
First	217,357	83,291	131,341	1,874	851
Accomack	11,542	4,443	6,926	125	48
Caroline	6,292	3,186	3,065	21	20
Charles City	2,700	1,839	826	18	17
Essex	3,365	1,294	2,038	17	16
Gloucester	11,181	3,372	7,646	116	47
James City	2,727	1,309	1,376	26	16
King George	4,146	1,519	2,587	21	19
King William	4,349	1,561	2,735	31	22
Lancaster	5,043	1,551	3,380	84	28
Mathews	4,076	1,235	2,752	57	32
Middlesex	4,018	1,361	2,571	42	44
New Kent	4,384	1,427	2,917	20	20
Northampton	4,927	2,242	2,562	94	29
Northumberland	4,581	1,506	2,984	61	30
Richmond	2,811	924	1,862	15	10
Westmoreland	5,370	2,311	2,974	60	25
York	15,871	4,639	11,103	84	...
Hampton City	43,818	19,106	24,034	527	151
Newport News City	54,395	21,413	32,570	287	125
Poquoson City	4,751	877	3,840	18	16
Williamsburg City	3,210	1,534	1,648	26	29
Second	179,909	71,558	107,019	744	588
Norfolk City	68,891	37,778	30,538	347	228
Virginia Beach City	111,018	33,780	76,481	397	360
Third	239,833	86,678	151,033	1,261	86
Chesterfield (part)	75,329	17,543	57,163	378	245
Henrico	89,887	26,980	62,284	378	245
Richmond City	74,736	42,155	31,586	639	356
Fourth	201,157	89,094	110,155	1,205	703
Amelia	3,594	1,359	2,187	26	22
Brunswick	5,884	3,070	2,742	44	28
Chesterfield (part)	2,873	1,180	1,665	18	10
Dinwiddie	7,659	3,405	4,165	51	38
Greensville	3,733	2,083	1,610	24	16
Isle of Wight	9,621	3,747	5,779	63	32
Nottoway	5,509	2,217	3,161	103	28
Powhatan	5,541	1,467	4,040	16	18
Prince George	7,515	2,469	4,982	38	26
Southampton	6,493	3,000	3,439	35	19
Surry	2,899	1,602	1,246	22	29
Sussex	3,896	1,958	1,822	79	37
Chesapeake City	48,855	18,828	29,738	173	116
Colonial Heights City	7,638	1,581	6,001	25	31
Emporia City	3,210	1,630	1,557	12	11
Hopewell City	7,360	2,566	4,672	93	29
Petersburg City	12,591	8,177	4,231	131	52
Portsmouth City	36,059	19,698	16,087	166	108
Suffolk City	17,950	8,080	9,742	79	49
Fifth	193,690	71,107	199,560	2,186	837
Appomattox	5,040	1,740	3,205	53	42
Bedford	16,382	5,406	10,702	205	69
Buckingham	4,471	1,941	2,481	32	17
Campbell	17,533	4,574	12,713	193	53
Carroll	9,637	3,190	6,377	41	29
Charlotte	4,699	1,923	2,699	56	21
Cumberland	3,159	1,132	1,978	34	15

CONTINUED ➡

TABLE 9.12
Election Results for United States President: November 8, 1988, *CONTINUED*

Congressional District/ Locality	Total Votes Cast	Votes for Democratic Candidate	Votes for Republican Candidate	Votes for Independent Candidate	Votes for Libertarian Candidate
Fluvanna	4,059	1,562	2,447	26	24
Franklin	13,261	5,734	7,391	90	46
Halifax	10,124	4,282	5,671	97	74
Henry	18,729	7,536	10,871	258	64
Lunenburg	4,496	1,870	2,530	76	20
Mecklenburg	9,278	3,275	5,887	71	45
Nelson	4,849	2,272	2,502	35	40
Patrick	6,229	2,093	3,990	124	22
Pittsylvania	19,201	6,612	12,229	283	77
Prince Edward	5,720	2,434	3,147	95	44
Bedford City	2,328	960	1,322	36	10
Danville City	19,874	7,353	12,221	224	76
Lynchburg City (part)	5,712	1,488	4,143	60	21
Martinsville City	6,264	2,794	3,360	86	24
South Boston City	2,645	936	1,694	11	4
Sixth	197,867	74,602	121,107	1,417	741
Alleghany	4,926	2,316	2,555	42	13
Amherst	10,151	3,567	6,507	45	32
Augusta	17,634	4,170	13,251	145	68
Bath	2,167	881	1,273	8	5
Botetourt	9,591	3,763	5,687	92	49
Highland	1,286	456	807	13	10
Roanoke	35,157	12,938	22,011	115	93
Rockbridge	6,062	2,412	3,541	65	44
Rockingham	18,241	4,716	13,241	190	94
Buena Vista City	1,999	828	1,121	37	13
Clifton Forge City	1,739	961	759	10	9
Covington City	2,882	1,567	1,274	41	33
Harrisonburg City	8,288	2,799	5,376	84	29
Lexington City	2,024	997	994	21	12
Lynchburg City (part)	18,244	6,791	11,180	183	60
Roanoke City	32,813	17,185	15,389	132	107
Salem City	9,527	3,760	5,694	40	33
Staunton City	8,334	2,457	5,775	87	15
Waynesboro City	6,799	2,038	4,672	67	22
Seventh	228,328	76,202	149,725	1,355	1,046
Albemarle	25,753	10,363	15,117	89	184
Clarke	4,020	1,478	2,502	12	28
Culpeper	8,599	2,555	5,896	103	45
Fauquier	16,796	4,837	11,733	161	65
Frederick	13,717	3,707	9,921	42	47
Goochland	6,013	2,209	3,765	20	19
Greene	3,224	899	2,234	72	19
Hanover	26,718	5,985	20,570	75	88
Louisa	6,702	2,789	3,831	42	40
Madison	4,026	1,427	2,501	59	39
Orange	7,015	2,499	5,013	35	35
Prince William (part)	13,551	3,886	9,520	99	46
Rappahannock	2,696	1,003	1,657	18	18
Shenandoah	12,004	3,276	8,612	67	49
Spotsylvania	16,593	5,486	10,978	84	45
Stafford (part)	8,905	2,696	6,168	24	17
Warren	7,598	2,769	4,700	103	26
Charlottesville City	13,652	7,671	5,817	62	102
Fredericksburg City	6,154	2,683	3,401	40	30
Manassas City	8,693	2,658	5,980	55	26
Manassas Park City	1,439	434	993	9	10
Winchester City	6,862	2,300	4,497	25	40
Eighth	261,705	102,516	157,228	1,133	828
Fairfax (part)	160,697	60,162	100,115	420	495
Prince William (part)	15,312	30,134	6,066	20,913	21

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**TABLE 9.12****Election Results for United States President: November 8, 1988, *CONTINUED***

Congressional District/ Locality	Total Votes Cast	Votes for Democratic Candidate	Votes for Republican Candidate	Votes for Independent Candidate	Votes for Libertarian Candidate
Stafford (part)	8,781	2,684	6,066	31	26
Alexandria City	45,618	24,358	20,913	347	186
Ninth	184,273	82,873	98,783	1,951	666
Bland	2,546	937	1,556	38	15
Buchanan	10,965	6,935	3,912	100	18
Craig	2,005	864	1,112	16	13
Dickenson	7,604	4,461	3,091	36	16
Floyd	4,735	1,727	2,921	56	31
Giles	6,648	3,042	3,490	80	36
Grayson	6,451	2,441	3,968	35	7
Lee	9,016	4,906	4,080	30	29
Montgomery	21,333	8,909	12,326	98	11
Pulaski	9,050	4,686	6,844	140	49
Russell	10,753	6,222	4,374	130	27
Scott	8,785	3,616	4,986	139	44
Smyth	11,727	3,989	7,446	236	56
Tazewell	15,453	8,098	7,165	152	38
Washington	16,899	5,819	10,722	293	65
Wise	13,386	7,017	6,189	130	50
Wythe	9,225	3,201	5,827	170	27
Bristol City	6,895	2,446	4,407	28	14
Galax City	2,200	907	1,278	8	7
Norton City	1,423	795	608	15	5
Radford City	4,365	1,855	2,481	21	8
Tenth	287,490	121,878	163,211	1,186	1,215
Arlington	75,365	40,314	34,191	442	418
Fairfax (part)	167,173	65,549	100,526	472	626
Loudoun	30,862	10,101	20,448	206	107
Fairfax City	9,101	3,430	5,576	49	46
Falls Church	4,989	2,484	2,470	17	18

SOURCE: Commonwealth of Virginia, State Board of Elections. *Official Results General Election – November 8, 1988.*
 Richmond, Virginia, 1988. (Mimeograph.)

TABLE 9.13**Composition of Congress by Political Party Affiliation for the U.S., Virginia, and Surrounding States: 1987 and 1989**

	Representatives				Senators			
	1989		1987		1989		1987	
	Democrat	Republican	Democrat	Republican	Democrat	Republican	Democrat	Republican
United States	260	175	258	177	55	45	47	53
Virginia	5	5	5	5	1	1	...	2
Delaware	1	...	1	...	1	1	1	1
District of Columbia	...	...	...	...	...	...	...	...
Florida	10	9	12	7	1	1	2	...
Georgia	9	1	8	2	2	...	2	...
Kentucky	4	3	4	3	1	1	1	1

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TABLE 9.13

Composition of Congress by Political Party Affiliation for the U.S., Virginia, and Surrounding States: 1987 and 1989, *CONTINUED*

	Representatives				Senators			
	1989		1987		1989		1987	
	Democrat	Republican	Democrat	Republican	Democrat	Republican	Democrat	Republican
Maryland	6	2	6	2	2	...	2	...
North Carolina	8	3	8	3	1	1	1	1
South Carolina	4	2	4	2	1	1	1	1
Tennessee	6	3	6	3	2	...	2	...
West Virginia	4	...	4	...	2	...	2	...

SOURCES: Anderson, Donald K., Clerk of the House, *101st Congress United States House of Representatives*, Washington, D.C., ND; U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: 1989 data from the 101st Congress.
1987 data from the 100th Congress.

TABLE 9.14

Vote Cast for U.S. Senators by Major Political Party for Virginia and Surrounding States: 1982-1986

	1986			1984			1982		
	Total	Democrat	Republican	Total	Democrat	Republican	Total	Democrat	Republican
Virginia	NA	NA	NA	2,007	601	1,406	1,416	691	725
Delaware	NA	NA	NA	246	148	98	191	84	105
Florida	3,430	1,878	1,552	NA	NA	NA	2,653	1,638	1,015
Georgia	1,225	624	601	1,681	1,344	337	NA	NA	NA
Kentucky	677	504	173	1,292	640	645	NA	NA	NA
Maryland	1,113	675	437	NA	NA	NA	1,115	707	407
North Carolina	1,591	824	768	2,239	1,070	1,157	NA	NA	NA
South Carolina	738	466	263	965	307	645	NA	NA	NA
Tennessee	NA	NA	NA	1,648	1,001	557	1,260	780	480
West Virginia	NA	NA	NA	722	374	345	565	387	174

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States, 1988*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In thousands.
NA—Not applicable.



TABLE 9.15
Vote Cast for U.S. Representatives by Major Political Party
for the U.S., Virginia, and Surrounding States: 1982-1986

	1986			1984			1982		
	Total	Demo- cratic	Repub- lican	Total	Demo- cratic	Repub- lican	Total	Demo- cratic	Repub- lican
United States ¹	59,619	32,540	26,532	83,231	43,539	38,956	64,514	35,696	27,799
Virginia	1,043	545	467	1,838	795	1,003	1,335	630	690
Delaware	161	106	54	243	142	101	188	99	87
District of Columbia	127	102	18	162	155	...	113	93	17
Florida	2,142	1,154	987	2,437	1,245	1,191	2,212	1,311	900
Georgia	1,062	773	289	1,521	1,091	430	904	670	225
Kentucky	630	375	253	1,188	657	529	700	413	280
Maryland	1,063	669	394	1,495	955	536	1,091	743	349
North Carolina	1,573	890	682	2,158	1,131	1,026	1,321	708	580
South Carolina	717	453	261	928	471	441	657	353	295
Tennessee	1,105	636	449	1,316	726	589	1,176	698	470
West Virginia	396	299	97	704	429	275	546	343	202

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1988*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In thousands.

Total includes vote cast for minor parties.

¹Includes vote cast for non-voting Delegate at Large in the District of Columbia.

TABLE 9.16
Election Results for United States Senate: November 8, 1988

Congressional District/ Locality	Total Votes Cast	Votes for Charles S. Robb (Democrat)	Votes for Maurice A. Dawkins (Republican)	Write- in Votes
State Total	2,068,897	1,474,086	593,652	1,159
First	203,105	148,527	54,546	32
Accomack	10,461	7,546	2,914	1
Caroline	5,980	4,632	1,347	1
Charles City	2,564	2,055	509	...
Essex	3,166	2,262	901	3
Gloucester	10,380	7,598	2,781	1
James City	12,748	9,091	3,654	3
King and Queen	1,554	1,881	673	...
King George	3,959	2,798	1,161	...
King William	4,110	2,792	1,318	...
Lancaster	4,597	3,002	1,594	1
Mathews	3,732	2,746	986	...
Middlesex	3,664	2,454	1,210	1
New Kent	4,300	2,983	1,311	6
Northampton	4,566	3,518	1,048	...
Northumberland	4,173	2,867	1,306	...
Richmond	2,513	1,837	675	1
Westmoreland	4,993	3,706	1,286	1
York	15,170	11,092	4,076	2
Hampton City	40,355	29,942	10,406	7
Newport News City	51,581	38,341	13,238	2
Poquoson City	4,526	3,098	1,428	...
Williamsburg City	3,012	2,286	724	2

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TABLE 9.16

Election Results for United States Senate: November 8, 1988, *CONTINUED*

Congressional District/ Locality	Total Votes Cast	Votes for Charles S. Robb (Democrat)	Votes for Maurice A. Dawkins (Republican)	Write- in Votes
Second	175,719	130,122	45,479	118
Norfolk City	66,958	53,436	13,485	37
Virginia Beach City	108,761	76,686	31,994	81
Third	230,815	154,996	75,357	462
Chesterfield (part)	73,356	46,821	26,384	151
Henrico	87,104	57,471	29,379	254
Richmond City	70,355	50,704	19,594	57
Fourth	191,598	142,425	49,115	58
Amelia	3,377	2,127	1,249	1
Brunswick	5,381	4,126	1,253	2
Chesterfield (part)	2,871	2,039	831	1
Dinwiddie	7,249	5,364	1,882	3
Greensville	3,431	2,754	677	...
Isle of Wight	9,107	6,779	2,328	...
Nottoway	5,113	3,548	1,562	3
Powhatan	5,255	3,246	2,006	3
Prince George	7,144	4,913	2,230	1
Southampton	5,949	4,575	1,374	...
Surry	2,727	2,123	604	...
Sussex	3,557	2,754	803	...
Chesapeake City	47,784	34,456	13,304	24
Colonial Heights City	7,147	5,010	2,137	6
Emporia City	2,091	1,580	511	...
Franklin City	2,900	2,254	646	...
Hopewell City	6,800	4,811	1,983	6
Petersburg City	11,997	9,076	2,913	8
Portsmouth City	34,776	27,542	7,234	...
Suffolk City	16,936	13,348	3,588	...
Fifth	172,223	118,349	53,838	36
Appomattox	4,594	3,375	1,219	...
Bedford	15,097	10,465	4,632	...
Buckingham	4,096	2,824	1,270	2
Campbell	16,010	10,603	5,406	1
Carroll	8,667	5,161	3,506	...
Charlotte	4,216	3,000	1,213	3
Cumberland	2,904	1,778	1,125	1
Fluvanna	3,814	2,616	1,198	...
Franklin	12,306	9,540	2,764	2
Halifax	8,628	6,233	2,393	2
Henry	16,663	11,854	4,803	6
Lunenburg	4,033	2,875	1,158	...
Mecklenburg	7,937	5,436	2,496	5
Nelson	4,505	3,597	903	5
Patrick	5,168	3,306	1,860	2
Pittsylvania	16,194	10,533	5,657	4
Prince Edward	5,319	3,555	1,763	1
Bedford City	2,113	1,524	589	...
Danville City	16,519	10,992	5,526	1
Lynchburg City (part)	5,383	3,227	2,156	...
Martinsville City	5,745	4,213	1,532	...
South Boston City	2,312	1,642	669	1
Sixth	185,944	132,396	53,521	27
Alleghany	4,594	3,585	1,009	...
Amherst	2,592	7,365	2,225	2
Augusta	16,261	9,662	6,594	5
Bath	2,121	1,569	552	...
Botetourt	8,998	6,446	2,551	1
Highland	1,240	834	406	...
Roanoke	34,013	25,700	8,310	3
Rockbridge	5,627	4,116	1,511	...
Rockingham	16,486	9,858	6,626	2

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**TABLE 9.16****Election Results for United States Senate: November 8, 1988, *CONTINUED***

Congressional District/ Locality	Total Votes Cast	Votes for Charles S. Robb (Democrat)	Votes for Maurice A. Dawkins (Republican)	Write- in Votes
Buena Vista City	1,926	1,458	468	1
Clifton Forge City	1,601	1,269	332	...
Covington City	2,706	2,189	516	1
Harrisonburg City	7,585	5,051	2,531	3
Lexington City	1,920	1,451	469	...
Lynchburg City (part)	16,919	11,692	5,227	7
Roanoke City	31,322	24,448	6,872	2
Salem City	9,110	4,864	2,721	...
Waynesboro City	6,330	3,991	2,339	...
Seventh	215,248	144,839	70,308	101
Albemarle	2,447	17,315	7,144	16
Clarke	3,857	2,952	903	2
Culpeper	7,867	4,919	2,943	5
Fauquier	15,512	9,963	5,546	3
Frederick	13,203	8,436	3,767	2
Goochland	5,719	3,642	2,075	2
Greene	2,868	1,682	1,185	1
Hanover	15,193	15,708	9,464	21
Louisa	6,390	4,182	2,204	4
Madison	3,697	2,379	1,316	2
Orange	6,429	4,377	2,112	3
Page	6,998	4,606	2,388	3
Prince William (part)	12,519	7,766	4,751	2
Rappahannock	2,680	1,901	779	...
Shenandoah	11,222	7,210	4,012	...
Spotsylvania	15,297	117	4,809	2
Stafford (part)	8,554	5,920	2,634	...
Warren	6,997	4,690	2,307	...
Charlottesville City	13,172	9,982	3,164	26
Fredericksburg City	5,859	4,260	1,599	4
Manassas City	8,165	5,022	3,143	...
Manassas Park City	3,278	804	522	2
Winchester City	6,548	5,006	1,540	2
Eighth	250,292	180,023	70,142	127
Fairfax (part)	156,422	112,923	43,383	116
Prince William (part)	42,249	28,949	13,298	2
Stafford (part)	8,380	5,702	2,678	...
Alexandria City	43,241	32,449	10,783	9
Ninth	168,241	122,521	45,705	15
Bland	2,209	1,459	750	...
Buchanan	10,179	7,991	2,188	...
Craig	1,925	1,325	600	...
Dickenson	7,067	5,196	1,871	2
Floyd	4,300	2,820	1,480	...
Giles	6,185	4,563	1,620	2
Grayson	5,674	3,879	1,795	...
Lee	8,022	6,195	1,827	...
Montgomery	20,253	14,529	5,720	4
Pulaski	11,024	7,981	3,037	6
Russell	9,936	7,575	2,361	...
Scott	7,868	5,116	2,751	1
Smyth	10,353	7,297	3,056	...
Tazewell	14,001	10,816	3,185	...
Washington	14,717	10,505	4,212	...
Wise	12,460	9,392	3,068	...
Wythe	8,382	5,614	2,768	...
Bristol City	6,200	4,722	1,478	...
Galax City	2,023	1,441	582	...
Norton City	1,290	1,067	223	...
Radford City	4,171	3,038	1,133	...

CONTINUED ➡

TABLE 9.16

Election Results for United States Senate: November 8, 1988, *CONTINUED*

Congressional District/ Locality	Total Votes Cast	Votes for Charles S. Robb (Democrat)	Votes for Maurice A. Dawkins (Republican)	Write- in Votes
Tenth	275,712	199,888	75,641	183
Arlington	72,414	54,202	18,193	19
Fairfax (part)	161,545	117,857	43,528	160
Loudoun	28,443	18,322	10,117	4
Fairfax City	8,577	5,815	2,762	...
Falls Church City	4,733	3,692	1,041	...

SOURCE: Commonwealth of Virginia, State Board of Elections, *Official Results General Election - November 8, 1988*.
Richmond, Virginia, 1988. (Mimeograph.)

TABLE 9.17

Election Results for Members, United States House of Representatives: November 8, 1988

Congressional District/ Locality	Total Votes Cast	Votes for Democratic Candidate	Votes for Republican Candidate	Votes for Independent Candidate	Write- in Votes
State Total	1,890,828	801,831	1,076,895	10,738	1,364
First¹	185,573	49,614	135,937	...	22
Accomack	10,267	1,962	8,305	...	...
Caroline	4,632	1,503	3,128	...	1
Charles City	1,879	949	930	...	...
Essex	2,916	747	2,169	...	...
Gloucester	9,993	2,357	7,636	...	...
James City	11,598	2,910	8,678	...	10
King and Queen	2,045	544	1,501	...	...
King George	3,429	743	2,686	...	...
King William	3,657	1,014	2,643	...	...
Lancaster	4,375	1,138	3,237	...	...
Mathews	3,578	800	2,778	...	...
Middlesex	3,368	841	2,527	...	...
New Kent	4,226	1,071	3,155	...	...
Northampton	4,353	1,409	2,944	...	...
Northumberland	3,799	865	2,934	...	...
Richmond	2,220	363	1,856	...	1
Westmoreland	4,598	1,537	3,061	...	...
York	13,906	2,668	11,237	...	1
Hampton City	37,210	11,627	25,583	...	4
Newport News City	46,278	12,912	33,364	...	2
Poquoson City	4,479	639	3,840	...	...
Williamsburg City	2,762	1,015	1,745	...	2
Second²	176,208	106,666	62,564	6,946	32
Norfolk City	67,142	46,144	17,791	3,198	9
Virginia Beach City	109,066	60,522	44,773	3,748	23
Third³	187,898	...	187,354	...	544
Chesterfield (part)	67,818	...	67,627	...	191
Henrico	79,505	...	79,247	...	258
Richmond City	40,575	...	40,480	...	95
Fourth⁴	134,884	134,786	...	...	98
Amelia	1,783	1,783	...	...	...
Brunswick	3,192	3,192	...	...	...
Chesterfield (part)	2,540	2,537	...	...	3
Dinwiddie	4,243	4,243	...	...	...

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**TABLE 9.17**
Election Results for Members, United States House of Representatives: November 8, 1988, *CONTINUED*

Congressional District/ Locality	Total Votes Cast	Votes for Democratic Candidate	Votes for Republican Candidate	Votes for Independent Candidate	Write- in Votes
Greensville	2,297	2,297	...	...	...
Isle of Wight	5,336	5,336	...	...	...
Nottoway	3,054	3,053	...	...	1
Powhatan	2,987	2,987	...	...	...
Prince George	4,510	4,509	...	...	1
Southampton	4,390	4,389	...	...	1
Surry	1,672	1,672	...	...	...
Sussex	2,414	2,414	...	...	...
Chesapeake City	40,892	40,814	...	...	78
Colonial Heights City	4,091	4,090	...	...	1
Emporia City	1,505	1,504	...	...	1
Franklin City	1,933	1,932	...	...	1
Hopewell City	3,865	3,860	...	...	5
Petersburg City	8,218	8,213	...	...	5
Portsmouth City	25,412	25,411	...	...	1
Suffolk City	10,550	10,550	...	...	...
Fifth⁵	179,442	97,242	78,396	3,792	12
Appomattox	4,767	3,084	1,605	78	...
Bedford	14,689	7,782	6,587	320	...
Buckingham	3,786	2,098	1,624	64	...
Campbell	16,433	8,048	8,153	232	...
Carroll	8,613	4,437	3,914	262	...
Charlotte	4,492	2,455	1,915	122	...
Cumberland	2,755	1,337	1,376	42	...
Fluvanna	3,470	2,123	1,236	111	...
Franklin	11,835	8,072	3,523	240	2
Halifax	9,733	5,539	3,815	379	...
Henry	17,203	10,116	6,616	471	...
Lunenburg	3,697	2,116	1,441	140	...
Mecklenburg	8,435	4,454	3,780	201	4
Nelson	4,670	3,692	898	80	3
Patrick	5,805	2,984	2,659	162	...
Pittsylvania	18,806	7,679	10,867	260	1
Prince Edward	5,257	2,720	2,404	133	...
Bedford City	2,100	1,246	819	35	...
Danville City	19,149	9,866	9,105	178	...
Lynchburg City (part)	5,371	2,491	2,798	82	2
Martinsville City	5,885	3,592	2,157	136	...
South Boston City	2,479	1,311	1,104	64	...
Sixth⁶	185,312	118,369	66,935	...	8
Alleghany	4,570	3,339	1,231	...	...
Amherst	9,465	6,307	3,158	...	1
Augusta	16,510	7,822	8,688	...	...
Bath	2,147	1,492	655	...	...
Botetourt	9,107	6,012	3,095	...	3
Highland	1,257	737	520	...	...
Roanoke	33,223	23,264	9,959	...	1
Rockbridge	5,307	3,695	1,612	...	1
Rockingham	16,926	8,490	8,436	...	...
Buena Vista City	1,872	1,328	544	...	...
Clifton Forge City	1,541	1,255	286	...	...
Covington City	2,681	2,110	570	...	1
Harrisonburg City	7,692	4,236	30,456	...	...
Lexington City	1,864	1,362	502	...	...
Lynchburg City (part)	17,079	9,802	70,277	...	...
Roanoke City	30,928	23,701	7,227	...	...
Salem City	9,119	6,513	2,606	...	...
Staunton City	7,763	3,637	4,125	...	1
Waynesboro City	6,255	3,267	2,988	...	...

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TABLE 9.17

Election Results for Members, United States House of Representatives: November 8, 1988, *CONTINUED*

Congressional District/ Locality	Total Votes Cast	Votes for Democratic Candidate	Votes for Republican Candidate	Votes for Independent Candidate	Write- in Votes
Seventh⁷	137,476	...	136,988	...	488
Albemarle	14,108	...	14,021	...	87
Clarke	2,392	...	2,384	...	8
Culpeper	6,313	...	6,303	...	10
Fauquier	10,383	...	10,378	...	5
Frederick	9,073	...	9,064	...	9
Goochland	2,972	...	2,967	...	5
Greene	2,000	...	1,999	...	1
Hanover	15,922	...	15,913	...	9
Louisa	3,921	...	3,920	...	1
Madison	2,527	...	2,523	...	4
Orange	4,348	...	4,345	...	3
Page	3,859	...	3,856	...	3
Prince William (part)	8,140	...	8,115	...	25
Rappahannock	1,847	...	1,835	...	12
Shenandoah	6,866	...	6,866	...	...
Spotsylvania	9,433	...	9,419	...	14
Stafford (part)	5,532	...	50,526	...	6
Warren	4,381	...	4,380	...	1
Charlottesville City	9,288	...	9,030	...	258
Fredericksburg City	3,618	...	3,609	...	9
Manassas City	5,407	...	5,398	...	9
Manassas Park City	883	...	880	...	3
Winchester City	4,263	...	4,257	...	6
Eighth⁸	248,400	93,561	154,761	...	78
Fairfax (part)	155,548	52,025	103,453	...	70
Prince William (part)	42,588	17,897	24,688	...	3
Stafford (part)	7,957	2,721	5,236	...	...
Alexandria City	42,307	20,918	21,384	...	5
Ninth⁹	178,727	113,309	65,410	...	8
Bland	2,428	1,549	879	...	...
Buchanan	10,943	8,246	2,697	...	...
Craig	1,903	1,217	686	...	...
Dickenson	7,551	5,049	2,501	...	1
Floyd	4,433	2,438	1,995	...	...
Giles	6,312	4,352	1,959	...	1
Grayson	6,053	3,855	2,198	...	...
Lee	8,651	5,971	2,680	...	...
Montgomery	19,224	12,252	6,970	...	2
Pulaski	11,491	7,490	4,000	...	1
Russell	10,804	7,582	3,222	...	...
Scott	8,798	5,187	3,611	...	...
Smyth	11,650	6,781	4,869	...	1
Tazewell	14,916	10,553	4,363	...	...
Washington	16,913	8,324	8,589	...	...
Wise	13,365	9,166	4,199	...	...
Wythe	8,984	5,373	3,611	...	...
Bristol City	6,795	2,839	3,956	...	...
Galax City	2,020	1,429	589	...	2
Norton City	1,382	1,072	310	...	...
Radford City	4,110	2,584	1,526	...	...

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TABLE 9.17
Election Results for Members, United States House of
Representatives: November 8, 1988, *CONTINUED*

Congressional District/ Locality	Total Votes Cast	Votes for Democratic Candidate	Votes for Republican Candidate	Votes for Independent Candidate	Write- in Votes
Tenth¹⁰	276,908	88,284	188,550	...	74
Arlington	72,912	32,903	40,004	...	5
Fairfax (part)	162,077	45,008	117,004	...	65
Loudoun	28,729	6,364	22,362	...	3
Fairfax City	8,518	2,338	6,179	...	1
Falls Church City	4,672	1,671	3,001	...	...

SOURCE: Commonwealth of Virginia, State Board of Elections. *Official Results General Election - November 4, 1986*.
 Richmond, Virginia, 1988. (Mimeograph.)

NOTES: ¹James S. Ellenson (D) and Herbert H. "Herb" Bateman (R).
²Owen B. Pickett (D), Jerry R. Curry (R), Stephen P. Shao (I) and Robert A. Smith (I).
³Thomas J. "Tom" Bliley, Jr. (R), unopposed.
⁴Norman Sisisky (D), unopposed.
⁵L. F. Payne, Jr., (D), Charles R. Hawkins (R) and J. F. "Frank" Cole (I).
⁶James R. "Jim" Olin (D) and Charles E. Judd (R).
⁷D. French Slaughter, Jr. (R), unopposed.
⁸David G. Brinkley (D) and Stanford E. "Stan" Parris (R).
⁹Frederick C. "Rick" Boucher (D) and John C. Brown (R).
¹⁰Robert L. Weinberg (D) and Frank R. Wolf (R).

TABLE 9.18
Composition of State Legislatures for the U.S.,
Virginia, and Surrounding States: 1984 and 1986

	Lower House				Upper House			
	1986		1984		1986		1984	
	Demo- cratic	Repub- lican	Demo- cratic	Repub- lican	Demo- cratic	Repub- lican	Demo- cratic	Repub- lican
United States ¹	3,284	2,172	3,136	2,316	1,179	759	1,187	753
Virginia	65	33	65	33	31	9	31	8
Delaware	19	22	19	22	13	8	13	8
Florida	75	45	77	43	25	15	32	8
Georgia	153	27	154	26	46	10	47	9
Kentucky	73	26	74	26	29	9	28	10

CONTINUED ➡

TABLE 9.18
Composition of State Legislatures for the U.S., Virginia, and
Surrounding States: 1984 and 1986, *CONTINUED*

	Lower House				Upper House			
	1986		1984		1986		1984	
	Democ- ratic	Repub- lican	Democ- ratic	Repub- lican	Democ- ratic	Repub- lican	Democ- ratic	Repub- lican
Maryland	124	17	124	17	40	7	41	6
North Carolina	84	36	82	38	40	10	38	12
South Carolina	92	32	96	27	36	10	36	10
Tennessee	61	38	62	37	23	10	23	10
West Virginia	78	22	73	27	27	7	30	4

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: 1986 data as of January, 1987 except for Kentucky, Louisiana, Mississippi, New Jersey and Virginia which are as of January 1988 and reflect elections held in 1987.

1984 data as of January, 1985, except for New Jersey and Virginia which are as of January 1986 and reflect elections held in 1985.

¹The U.S. total for the composition of the 1986 lower house excludes 1 independent for Vermont and Virginia, 2 liberals for New York, 1 vacancy each for Hawaii, Kentucky, and New Jersey, and 2 vacancies for Louisiana. The composition of the 1984 lower house excludes 1 independent for Rhode Island, 2 independents for Virginia, 5 independents for Alabama, 1 libertarian for Arkansas, and 1 vacancy each for Alabama, New Hampshire, Ohio, Rhode Island, and South Carolina. The composition of the 1986 upper house excludes 1 independent each for California and Mississippi, 1 vacancy each for California, Indiana, Oklahoma, and Pennsylvania, and 2 vacancies for Wisconsin. The composition of the 1984 upper house excludes 3 independents for Alabama, and 1 vacancy each for Michigan, Minnesota, and Virginia.

TABLE 9.19
Election Results for Members, Senate of Virginia: November 3, 1987

Senatorial District/ Locality	Total Votes Cast	Votes for Democratic Candidate	Votes for Republican Candidate	Votes for Independent Candidate	Write- in Votes
State Total					
First¹	34,285	22,737	11,546	...	2
Hampton City	30,970	20,091	10,877	...	2
Poquoson City	3,315	2,646	669	...	...
Second²	37,528	21,519	16,006	...	3
Newport News City (part)	37,528	21,519	16,006	...	3
Third³	25,976	25,959	...	...	17
Accomack	7,208	7,201	...	...	7
James City	4,622	4,619	...	...	3
Northampton	3,254	3,253	...	...	1
York	8,414	8,412	...	...	2
Newport News City (part)	1,407	1,407	...	...	...
Williamsburg City	1,071	1,067	...	...	4
Fourth⁴	32,797	32,787	...	...	10
Caroline	2,939	2,939	...	...	1
Charles City	1,557	1,557	...	...	...
Gloucester	4,986	4,986	...	...	...
Hanover	12,772	12,768	...	...	4
King and Queen	1,321	1,320	...	...	1

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TABLE 9.19
Election Results for Members, Senate of
Virginia: November 3, 1987, *CONTINUED*

Senatorial District/ Locality	Total Votes Cast	Votes for Democratic Candidate	Votes for Republican Candidate	Votes for Independent Candidate	Write- in Votes
King William	2,433	2,433	...	...	...
Mathews	2,088	2,088	...	...	...
Middlesex	1,837	1,834	...	...	3
New Kent	2,864	2,863	...	...	1
Fifth⁵	20,322	10,585	2,936	6,798	3
Norfolk City (part)	20,322	10,585	2,936	6,798	3
Sixth⁶	20,524	20,422	...	...	82
Norfolk City (part)	20,524	20,422	...	...	82
Seventh⁷	32,367	24,997	...	7,343	27
Virginia Beach City (part)	32,367	24,997	...	7,343	27
Eighth⁸	33,899	16,409	15,881	1,589	20
Virginia Beach City (part)	33,899	16,409	15,881	1,589	20
Ninth⁹	18,722	18,717	...	...	5
Henrico (part)	3,737	3,734	...	...	3
Richmond City (part)	14,985	14,983	...	...	2
Tenth¹⁰	33,438	...	28,220	5,203	15
Henrico (part)	6,535	...	5,494	1,034	7
Richmond City (part)	26,903	...	22,726	4,169	8
Eleventh¹¹	49,873	...	27,471	22,354	48
Chesterfield (part)	49,873	...	27,471	22,354	48
Twelfth¹²	53,094	26,048	27,028	...	18
Henrico (part)	53,094	26,048	27,028	...	18
Thirteenth¹³	21,110	21,108	...	...	2
Portsmouth City	16,961	16,960	...	...	1
Suffolk City (part)	4,149	4,148	...	...	1
Fourteenth¹⁴	36,509	17,742	18,763	...	4
Chesapeake City	31,614	15,061	16,549	...	4
Suffolk City (part)	4,895	2,681	2,214	...	...
Fifteenth¹⁵	22,051	22,044	...	...	7
Brunswick	2,472	2,472	...	...	...
Dinwiddie	3,152	3,152	...	...	...
Greensville	2,140	2,140	...	...	...
Isle of Wight	5,091	5,089	...	...	2
Mecklenburg	2,718	2,716	...	...	2
Southampton	3,920	3,918	...	...	2
Emporia City	908	908	...	...	...
Franklin City	1,650	1,649	...	...	1
Sixteenth¹⁶	23,426	23,416	...	...	10
Chesterfield (part)	1,852	1,852	...	...	...
Prince George	4,030	4,029	...	...	1
Surry	1,967	1,967	...	...	...
Sussex	2,174	2,173	...	...	1
Colonial Heights City	3,787	3,785	...	...	2
Hopewell City	3,330	3,326	...	...	4
Petersburg City	6,286	6,284	...	...	2
Seventeenth¹⁷	45,421	24,724	20,674	...	23
Amelia	3,384	1,641	1,737	...	6
Cumberland	2,888	1,588	1,300	...	...
Fluvanna	3,251	1,790	1,461	...	...

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TABLE 9.19
Election Results for Members, Senate of
Virginia: November 3, 1987, *CONTINUED*

Senatorial District/ Locality	Total Votes Cast	Votes for Democratic Candidate	Votes for Republican Candidate	Votes for Independent Candidate	Write- in Votes
Goochland	4,554	2,353	2,201	...	...
Louisa	5,486	2,868	2,611	...	7
Nottoway	5,125	2,958	2,165	...	2
Powhatan	4,358	1,806	2,551	...	1
Spotsylvania	11,997	7,143	4,849	...	5
Fredericksburg City	4,378	2,577	1,799	...	2
Eighteenth¹⁸	20,332	20,323	...	...	9
Appomattox	1,882	1,882	...	...	...
Buckingham	2,294	2,294	...	...	...
Campbell (part)	3,613	3,612	...	...	1
Charlotte	1,993	1,992	...	...	1
Halifax	4,890	4,884	...	...	6
Lunenburg	1,464	1,464	...	...	...
Prince Edward	2,667	2,667	...	...	...
South Boston City	1,529	1,528	...	...	1
Nineteenth¹⁹	35,350	10,362	24,987	...	1
Campbell (part)	5,809	1,815	3,994	...	...
Pittsylvania	16,672	4,819	11,853	...	...
Danville City	12,869	3,728	9,140	...	1
Twentieth²⁰	28,970	28,967	...	...	3
Carroll (part)	1,840	1,840	...	...	...
Franklin	9,414	9,414	...	...	...
Henry	10,140	10,140	...	...	...
Patrick	4,163	4,162	...	...	1
Martinsville City	3,413	3,411	...	...	2
Twenty-First²¹	34,974	22,151	12,819	...	4
Roanoke (part)	10,426	6,268	4,157	...	1
Roanoke City	24,548	15,883	8,662	...	3
Twenty-Second²²	39,422	25,571	13,850	...	1
Alleghany	3,848	2,532	1,316	...	...
Bath	2,076	1,531	545	...	...
Botetourt	7,183	5,145	2,038	...	...
Craig	1,786	947	839	...	...
Roanoke (part)	14,440	8,941	5,499	...	...
Clifton Forge City	1,271	911	360	...	...
Covington City	2,131	1,526	604	...	1
Salem City	6,687	4,038	2,649	...	...
Twenty-Third²³	36,433	28,156	...	8,273	4
Amherst	8,302	6,404	...	1,898	...
Bedford	9,416	6,881	...	2,534	1
Bedford City	1,501	1,200	...	301	...
Lynchburg City	17,214	13,671	...	3,540	3
Twenty-Fourth²⁴	34,950	23,380	11,566	...	4
Augusta	13,867	9,599	4,267	...	1
Highland	1,299	848	451	...	...
Rockbridge	4,769	3,239	1,529	...	1
Rockingham (part)	622	456	166	...	...
Buena Vista City	1,484	946	537	...	1
Lexington City	1,489	890	598	...	1
Staunton City	6,164	3,988	2,176	...	...
Waynesboro City	5,256	3,414	1,842	...	...
Twenty-Fifth²⁵	23,755	23,701	...	...	54
Albemarle	11,230	11,219	...	...	11
Greene	1,353	1,353	...	...	...

CONTINUED ➡



TABLE 9.19
Election Results for Members, Senate of
Virginia: November 3, 1987, *CONTINUED*

Senatorial District/ Locality	Total Votes Cast	Votes for Democratic Candidate	Votes for Republican Candidate	Votes for Independent Candidate	Write- in Votes
Madison (part)	705	705	...	...	...
Nelson	2,558	2,558	...	...	...
Orange	2,169	2,166	...	...	3
Charlottesville City	5,740	5,700	...	...	40
Twenty-Sixth²⁶	35,800	14,787	21,011	...	2
Culpeper	6,028	3,570	2,457	...	1
Fauquier (part)	2,237	1,215	1,022	...	...
Madison (part)	1,699	813	886	...	...
Page	6,681	2,648	4,033	...	...
Rappahannock	1,962	1,094	868	...	...
Rockingham (part)	12,101	3,709	8,392	...	...
Harrisonburg City	5,092	1,738	3,353	...	1
Twenty-Seventh²⁷	29,036	...	29,023	...	13
Clarke	2,069	...	2,064	...	5
Fauquier (part)	4,265	...	4,263	...	2
Frederick	7,485	...	7,481	...	4
Shenandoah	8,305	...	8,305	...	...
Warren	3,776	...	3,776	...	...
Winchester City	3,136	...	3,134	...	2
Twenty-Eighth²⁸	36,218	11,468	24,747	...	3
Essex	2,851	972	1,879	...	...
King George	2,992	949	2,043	...	...
Lancaster	3,741	984	2,756	...	1
Northumberland	3,536	988	2,548	...	...
Prince William (part)	4,743	2,027	2,714	...	2
Richmond	2,309	592	1,717	...	...
Stafford	12,245	3,645	8,600	...	...
Westmoreland	3,801	1,311	2,490	...	...
Twenty-Ninth²⁹	22,760	22,729	...	...	31
Prince William (part)	19,358	19,330	...	...	28
Manassas City	2,854	2,852	...	...	2
Manassas Park City	548	547	...	...	1
Thirtieth³⁰	17,873	...	17,841	...	32
Fairfax (part)	4,561	...	4,558	...	3
Alexandria City	13,312	...	13,283	...	29
Thirty-First³¹	28,530	17,030	11,498	...	2
Arlington (part)	28,530	17,030	11,498	...	2
Thirty-Second³²	45,281	24,309	20,965	...	7
Arlington (part)	7,594	4,437	3,156	...	1
Fairfax (part)	34,812	18,291	16,519	...	2
Falls Church City	2,875	1,581	1,290	...	4
Thirty-Third³³	30,780	30,769	...	...	11
Fairfax (part)	18,612	18,605	...	...	7
Loudoun	12,168	12,164	...	...	4
Thirty-Fourth³⁴	35,705	17,935	17,754	...	1
Fairfax (part)	30,313	15,680	14,632	...	1
Fairfax City	5,377	2,255	3,122	...	...
Thirty-Fifth³⁵	34,991	34,935	...	...	56
Fairfax (part)	34,991	34,935	...	...	56
Thirty-Sixth³⁶	30,912	18,016	12,892	...	4
Fairfax (part)	30,912	18,016	12,892	...	4

CONTINUED ➡

TABLE 9.19
Election Results for Members, Senate of
Virginia: November 3, 1987, CONTINUED

Senatorial District/ Locality	Total Votes Cast	Votes for Democratic Candidate	Votes for Republican Candidate	Votes for Independent Candidate	Write- in Votes
Thirty-Seventh³⁷	26,497	26,489	...	...	8
Carroll (part)	4,015	4,015	...	...	...
Floyd	2,718	2,716	...	...	2
Grayson	4,361	4,360	...	...	1
Montgomery	10,240	10,235	...	...	5
Smyth (part)	1,378	1,378	...	...	...
Galax City	1,320	1,320	...	...	...
Radford City	2,465	2,465	...	...	...
Thirty-Eighth³⁸	36,633	27,892	8,738	...	3
Bland	2,610	1,681	929	...	...
Giles	5,893	4,711	1,182	...	...
Pulaski	8,275	6,343	1,932	...	...
Tazewell	12,085	9,083	2,999	...	3
Wythe	7,770	6,074	1,696	...	...
Thirty-Ninth³⁹	42,403	21,185	21,217	...	1
Russell (part)	8,189	4,849	3,340	...	...
Scott	8,389	3,920	4,469	...	...
Smyth (part)	7,842	3,690	4,152	...	...
Washington	13,202	6,425	6,777	...	...
Bristol City	4,781	2,301	2,479	...	1
Fortieth⁴⁰	25,651	25,641	...	...	10
Buchanan	6,422	6,420	...	...	2
Dickenson	4,350	4,342	...	...	8
Lee	5,485	5,485	...	...	...
Russell (part)	1,235	1,235	...	...	...
Wise	7,335	7,335	...	...	...
Norton City	824	824	...	...	...

SOURCE: Commonwealth of Virginia, State Board of Elections. *Official Election Results 1987*. Richmond, Virginia, ND.

NOTES: ¹Hunter B. Andrews (D) and Eleanor L. Rice (R); ²Robert C. "Bobby" Scott (D) and Teddy R. Marks (R); ³William E. "Bill" Fears (D), unopposed; ⁴Elmo G. Cross, Jr. (D), unopposed; ⁵Yvonne B. Miller (D), R. Wayne Nunnally (R) and Julian F. Hirst (I); ⁶Stanley C. Walker (D), unopposed; ⁷Clarence A. Holland (D), Rae H. Le Sesne (I); ⁸M. E. "Sonny" Stallings, Jr. (D), A. Joseph "Joe" Canada, Jr. (R) and Louis Miles Pace (I); ⁹Benjamin J. Lambert, III (D), unopposed; ¹⁰Joseph B. Benedetti (R) and Roger L. Coffey (I); ¹¹Robert E. Russell (R) and Joan C. Girone (I); ¹²William F. Parkerson, Jr. (D) and Edwina P. "Eddy" Dalton (R); ¹³Johnny S. Joannou (D), unopposed; ¹⁴William T. Parker (D) and Mark L. Earley (R); ¹⁵Richard J. Holland (D), unopposed; ¹⁶Elmon T. Gray (D), unopposed; ¹⁷R. Edward "Edd" Houck (D) and William J. Vakos, Jr. (R); ¹⁸Howard P. Anderson (D), unopposed; ¹⁹Eloise F. Nenon (D) and W. Onico Barker (R); ²⁰Virgil H. Goode, Jr. (D), unopposed; ²¹J. Granger Macfarlane (D) and William H. "Ham" Flannagan (R); ²²Dudley J. "Buzz" Emick, Jr. (D) and Lee B. Eddy (R); ²³Elliot S. Schewel (D) and Jeffrey D. Somers (I); ²⁴Frank W. Nolan (D) and Bertram C. "Bert" Hopeman (R); ²⁵Thomas J. Michie, Jr. (D), unopposed; ²⁶William C. "Bill" Chase, Jr. (D) and Kevin G. Miller (R); ²⁷William A. Truban (R), unopposed; ²⁸Ann Riley Smith (D) and John H. Chichester (R); ²⁹Charles J. Colgan (D), unopposed; ³⁰Wiley F. Mitchell, Jr. (R), unopposed; ³¹Edward M. Holland (D) and Joseph V. Vasapoli (R); ³²Clive L. DuVal II (D) and B. G. "Bobbie" Kilberg (R); ³³Charles L. Waddell (D), unopposed; ³⁴Emilie F. Miller (D) and John W. Russell (R); ³⁵Richard L. Saslaw (D), unopposed; ³⁶Joseph V. Gartlan, Jr. (D) and C. Ronald "Ron" Smith (R); ³⁷Madison E. Marye (D), unopposed; ³⁸Daniel W. "Danny" Bird, Jr. (D) and Benjamin S. Barringer (R); ³⁹John S. Bundy (D) and William C. Wampler, Jr. (R); ⁴⁰John Chalkley Buchanan (D), unopposed.



TABLE 9.20
Election Results for Members,
House of Delegates of Virginia: November 3, 1987

Legislative District/ Locality	Total Votes Cast	Votes for Democratic Candidates	Votes for Republican Candidates	Votes for Independent Candidates	Write- in Votes
First¹	19,132	10,919	8,212	...	1
Lee	10,041	5,266	4,775	...	...
Scott	8,380	5,200	3,179	...	1
Washington (part)	711	453	258	...	...
Second²	15,662	8,017	7,641	...	4
Dickenson (part)	2,300	1,105	1,195	...	...
Wise	12,080	6,191	5,886	...	3
Norton City	1,282	721	560	...	1
Third³	17,138	10,852	6,285	...	1
Dickenson (part)	4,872	2,805	2,066	...	1
Russell	9,933	6,362	3,571	...	...
Tazewell (part)	2,333	1,685	648	...	...
Fourth⁴	9,065	9,048	...	...	17
Buchanan	6,719	6,703	...	...	16
Tazewell (part)	2,346	2,345	...	...	1
Fifth⁵	15,790	6,386	9,404	...	...
Bland	2,601	861	1,740	...	...
Giles	6,727	2,629	4,098	...	...
Tazewell (part)	6,462	2,896	3,566	...	...
Sixth⁶	10,104	...	10,102	...	2
Washington (part)	6,234	...	6,233	...	1
Bristol City	3,870	...	3,869	...	1
Seventh⁷	17,804	9,229	8,575	...	...
Grayson (part)	4,437	2,371	2,066	...	...
Smyth	11,084	5,509	5,575	...	...
Washington (part)	2,283	1,349	934	...	...
Eighth⁸	15,587	9,798	5,789	...	...
Carroll (part)	4,269	3,074	1,195	...	...
Grayson (part)	1,781	1,166	615	...	...
Wythe	7,824	4,322	3,502	...	...
Galax City	1,713	1,236	477	...	...
Ninth⁹	10,515	10,512	...	...	3
Floyd	2,020	2,018	...	...	2
Franklin	7,634	7,733	...	...	1
Pittsylvania (part)	861	861	...	...	...
Tenth¹⁰	8,485	8,483	...	...	2
Carroll (part)	2,397	2,397	...	...	...
Henry (part)	1,814	1,814	...	...	...
Patrick	2,640	2,639	...	...	1
Martinsville City (part)	1,634	1,633	...	...	1
Eleventh¹¹	7,818	7,814	...	...	4
Henry (part)	6,592	6,589	...	...	3
Martinsville City (part)	1,226	1,225	...	...	1
Twelfth¹²	13,252	7,104	6,147	...	1
Montgomery (part)	1,500	786	713	...	1
Pulaski	8,582	4,650	3,932	...	...
Radford City	3,170	1,668	1,502	...	...
Thirteenth¹³	7,459	7,453	...	...	6
Montgomery (part)	7,459	7,453	...	...	6

CONTINUED ➡

TABLE 9.20
Election Results for Members, House of Delegates
of Virginia: November 3, 1987, *CONTINUED*

Legislative District/ Locality	Total Votes Cast	Votes for Democratic Candidates	Votes for Republican Candidates	Votes for Independent Candidates	Write- in Votes
Fourteenth¹⁴	13,668	13,652	...	...	16
Bedford (part)	1,286	1,278	...	...	8
Craig (part)	1,332	1,330	...	...	2
Roanoke (part)	11,050	11,044	...	...	6
Fifteenth¹⁵	18,106	7,719	10,387	...	...
Montgomery (part)	1,042	462	580	...	...
Roanoke (part)	10,047	3,798	6,249	...	...
Salem City	7,017	3,459	3,558	...	...
Sixteenth¹⁶	12,292	12,292	...	...	...
Roanoke (part)	1,373	1,373	...	...	...
Roanoke City (part)	10,919	10,919	...	...	...
Seventeenth¹⁷	10,080	10,080	...	...	...
Roanoke (part)	533	533	...	...	...
Roanoke City (part)	9,547	9,547	...	...	...
Eighteenth¹⁸	11,594	11,589	...	...	5
Alleghany	3,342	3,339	...	...	3
Botetourt	5,111	5,110	...	...	1
Craig (part)	142	142	...	...	...
Clifton Forge City	1,086	1,086	...	...	...
Covington City	1,913	1,912	...	...	1
Nineteenth¹⁹	14,485	...	...	14,484	1
Bedford (part)	8,736	...	...	8,736	...
Rockbridge (part)	1,590	...	...	1,590	...
Bedford City	1,773	...	...	1,772	1
Buena Vista City (part)	1,565	...	...	1,565	...
Lynchburg City (part)	821	...	...	821	...
Twentieth²⁰	15,459	8,494	6,964	...	1
Pittsylvania (part)	1,781	858	923	...	...
Danville City	13,678	7,636	6,041	...	1
Twenty-First²¹	8,188	...	8,188	...	...
Pittsylvania (part)	8,188	...	8,188	...	...
Twenth-Second²²	11,484	...	11,479	...	5
Campbell	9,735	...	9,731	...	4
Lynchburg City (part)	1,749	...	1,748	...	1
Twenty-Third²³	14,656	7,939	6,714	...	3
Lynchburg City (part)	14,656	7,939	6,714	...	3
Twenty-Fourth²⁴	10,580	...	10,536	...	44
Amherst	6,374	...	6,344	...	30
Augusta (part)	913	...	913	...	...
Rockbridge (part)	2,296	...	2,285	...	11
Lexington City	997	...	994	...	3
Twenty-Fifth²⁵	11,122	...	11,120	...	2
Augusta (part)	2,508	...	2,508	...	...
Staunton City	4,588	...	4,587	...	1
Waynesboro City	4,026	...	4,025	...	1
Twenty-Sixth²⁶	11,227	...	11,221	...	6
Augusta (part)	6,339	...	6,335	...	4
Bath	1,661	...	1,660	...	1
Highland	981	...	981	...	...
Rockingham (part)	2,246	...	2,245	...	1

CONTINUED ➡



TABLE 9.20
Election Results for Members, House of Delegates
of Virginia: November 3, 1987, *CONTINUED*

Legislative District/ Locality	Total Votes Cast	Votes for Democratic Candidates	Votes for Republican Candidates	Votes for Independent Candidates	Write- in Votes
Twenty-Seventh²⁷	13,306	6,034	7,272	...	...
Rockingham (part)	7,997	3,115	4,882	...	...
Harrisonburg City	5,309	2,919	2,390	...	...
Twenty-Eighth²⁸	13,934	...	13,932	...	2
Page	4,635	...	4,635	...	...
Rockingham (part)	1,140	...	1,138	...	2
Shenandoah	8,159	...	8,159	...	...
Twenty-Ninth²⁹	10,446	10,434	...	...	12
Frederick	7,344	7,342	...	...	2
Winchester City	3,102	3,092	...	...	10
Thirtieth³⁰	16,529	7,994	8,535	...	...
Culpeper (part)	5,124	2,493	2,631	...	...
Greene	2,770	1,116	1,654	...	...
Madison	3,330	1,614	1,716	...	...
Orange	5,305	2,771	2,534	...	...
Thirty-First³¹	11,078	...	11,063	...	15
Clarke	2,407	...	2,405	...	2
Culpeper (part)	666	...	662	...	4
Fauquier (part)	1,878	...	1,878	...	...
Rappahannock	1,563	...	1,555	...	8
Warren	4,564	...	4,563	...	1
Thirty-Second³²	11,265	...	11,257	...	8
Fauquier (part)	3,395	...	3,395	...	...
Loudoun (part)	7,870	...	7,862	...	8
Thirty-Third³³	14,642	5,318	9,324	...	...
Fairfax (part)	10,024	3,584	6,440	...	...
Loudoun (part)	4,618	1,734	2,884	...	...
Thirty-Fourth³⁴	15,835	5,529	10,306	...	...
Fairfax (part)	13,082	4,686	8,396	...	...
Falls Church City	2,753	843	1,910	...	...
Thirty-Fifth³⁵	13,990	9,494	4,495	...	1
Fairfax (part)	13,990	9,494	4,495	...	1
Thirty-Sixth³⁶	14,770	14,766	...	...	4
Fairfax (part)	14,770	14,766	...	...	4
Thirty-Seventh³⁷	16,060	6,686	9,372	...	2
Fairfax (part)	10,668	4,629	6,039	...	...
Fairfax City	5,392	2,057	3,333	...	2
Thirty-Eighth³⁸	15,608	8,172	7,434	...	2
Fairfax (part)	15,608	8,172	7,434	...	2
Thirty-Ninth³⁹	14,714	8,399	6,312	...	3
Fairfax (part)	14,714	8,399	6,312	...	3
Fortieth⁴⁰	14,445	...	14,442	...	3
Fairfax (part)	13,192	...	13,190	...	2
Prince William (part)	1,253	...	1,252	...	1
Forty-First⁴¹	13,186	...	13,177	...	9
Fairfax (part)	13,186	...	13,177	...	9

CONTINUED ➡

TABLE 9.20

Election Results for Members, House of Delegates
of Virginia: November 3, 1987, *CONTINUED*

Legislative District/ Locality	Total Votes Cast	Votes for Democratic Candidates	Votes for Republican Candidates	Votes for Independent Candidates	Write- in Votes
Forty-Second⁴²	8,315	...	8,303	...	12
Fairfax (part)	8,315	...	8,303	...	12
Forty-Third⁴³	9,435	...	9,426	...	9
Fairfax (part)	9,435	...	9,426	...	9
Forty-Fourth⁴⁴	10,627	...	10,615	...	12
Fairfax (part)	10,627	...	10,615	...	12
Forty-Fifth⁴⁵	10,732	6,717	4,014	...	1
Alexandria City (part)	10,732	6,717	4,014	...	1
Forty-Sixth⁴⁶	9,007	4,773	4,233	...	1
Fairfax (part)	907	480	427	...	...
Alexandria City (part)	8,099	4,293	3,806	...	1
Forty-Seventh⁴⁷	12,531	7,912	4,618	...	1
Arlington (part)	12,009	7,912	4,097	...	1
Fairfax (part)	1,256	717	539	...	...
Forty-Eighth⁴⁸	10,410	10,402	...	...	8
Arlington (part)	10,410	10,402	...	...	8
Forty-Ninth⁴⁹	11,400	7,402	3,998	...	...
Arlington (part)	11,400	7,402	3,998	...	...
Fiftieth⁵⁰	11,220	3,854	7,366	...	...
Prince William (part)	6,752	2,554	4,198	...	...
Manassas City	3,757	1,010	2,747	...	...
Manassas Park City	711	290	421	...	...
Fifty-First⁵¹	10,558	10,553	...	...	5
Prince William (part)	10,558	10,553	...	...	5
Fifty-Second⁵²	9,149	4,515	4,634	...	...
Prince William (part)	9,149	4,515	4,634	...	...
Fifty-Third⁵³	15,663	5,752	7,598	2,313	...
Fauquier (part)	1,989	955	916	118	...
Stafford (part)	11,189	3,741	5,423	2,025	...
Fredericksburg City (part)	2,485	1,056	1,259	170	...
Fifty-Fourth⁵⁴	13,743	13,716	...	...	27
Caroline (part)	3,084	3,071	...	...	13
Spotsylvania	9,245	9,231	...	...	14
Fredericksburg City (part)	1,414	1,414	...	...	...
Fifty-Fifth⁵⁵	15,802	...	15,792	...	10
Caroline (part)	733	...	733	...	...
Hanover	15,069	...	15,059	...	10
Fifty-Sixth⁵⁶	14,283	14,277	...	...	6
Fluvanna	2,603	2,602	...	...	1
Goochland	3,607	3,607	...	...	...
Louisa	4,742	4,738	...	...	4
Powhatan	3,331	3,330	...	...	1
Fifty-Seventh⁵⁷	8,164	8,099	...	...	65
Albemarle (part)	2,479	2,475	...	...	4
Charlottesville City	5,685	5,624	...	...	61

CONTINUED →

**TABLE 9.20**
**Election Results for Members, House of Delegates
of Virginia: November 3, 1987, *CONTINUED***

Legislative District/ Locality	Total Votes Cast	Votes for Democratic Candidates	Votes for Republican Candidates	Votes for Independent Candidates	Write- in Votes
Fifty-Eighth⁵⁸	12,521	...	12,503	...	18
Albemarle (part)	9,485	...	9,467	...	18
Nelson	3,036	...	3,036	...	...
Fifty-Ninth⁵⁹	11,974	11,970	...	...	4
Amelia	2,121	2,121	...	...	...
Appomattox	2,959	2,957	...	...	2
Buckingham	2,520	2,519	...	...	1
Cumberland	1,562	1,561	...	...	1
Prince Edward (part)	2,812	2,812	...	...	...
Sixtieth⁶⁰	16,663	7,991	8,667	...	5
Charlotte	4,560	1,799	2,760	...	1
Halifax	8,807	4,554	4,249	...	4
Lunenburg (part)	385	96	290	...	...
Prince Edward (part)	610	249	361	...	...
South Boston City	2,301	1,294	1,007	...	...
Sixty-First⁶¹	8,504	8,502	...	...	2
Lunenburg (part)	1,661	1,661	...	...	...
Mecklenburg	4,464	4,463	...	...	1
Nottoway	2,379	2,378	...	...	1
Sixty-Second⁶²	11,309	11,309	...	...	...
Brunswick	3,186	3,186	...	...	...
Dinwiddie (part)	2,864	2,864	...	...	...
Greensville	2,550	2,550	...	...	...
Sussex	1,617	1,617	...	...	...
Emporia City	1,092	1,092	...	...	...
Sixty-Third⁶³	12,855	7,364	...	5,491	...
Dinwiddie (part)	2,888	1,747	...	1,141	...
Prince George (part)	111	26	...	85	...
Petersburg City	9,856	5,591	...	4,265	...
Sixty-Fourth⁶⁴	14,500	8,575	...	6,010	3
Charles City	2,250	1,668	...	582	...
Prince George (part)	8,163	3,368	...	2,545	...
Hopewell City	6,425	3,539	...	2,883	3
Sixty-Fifth⁶⁵	22,324	...	22,281	...	43
Chesterfield (part)	22,324	...	22,281	...	43
Sixty-Sixth⁶⁶	13,587	13,567	...	...	20
Chesterfield (part)	9,730	9,710	...	...	20
Colonial Heights City	3,857	3,857	...	...	...
Sixty-Seventh⁶⁷	16,147	7,896	8,271	...	7
Chesterfield (part)	16,174	7,896	8,271	...	7
Sixty-Eighth⁶⁸	11,511	...	11,500	...	11
Richmond City (part)	11,511	...	11,500	...	11
Sixty-Ninth⁶⁹	15,604	8,193	7,410	...	1
Richmond City (part)	15,604	8,193	7,410	...	1
Seventieth⁷⁰	4,500	4,499	...	...	1
Richmond City (part)	4,500	4,499	...	...	1
Seventy-First⁷¹	7,996	7,993	...	...	3
Richmond City (part)	7,996	7,993	...	...	3

CONTINUED →

TABLE 9.20
Election Results for Members, House of Delegates
of Virginia: November 3, 1987, *CONTINUED*

Legislative District/ Locality	Total Votes Cast	Votes for Democratic Candidates	Votes for Republican Candidates	Votes for Independent Candidates	Write- in Votes
Seventy-Second ⁷²	23,186	23,156	...	...	30
Henrico (part)	23,186	23,156	...	...	30
Seventy-Third ⁷³	14,051	...	14,021	...	30
Henrico (part)	14,051	...	14,021	...	30
Seventy-Fourth ⁷⁴	12,073	12,053	...	...	20
Henrico (part)	12,073	12,053	...	...	20
Seventy-Fifth ⁷⁵	12,839	12,835	...	...	4
Isle of Wight	5,134	5,134	...	...	...
Southampton	4,244	4,242	...	...	2
Surry	1,471	1,470	...	...	1
Franklin City	1,990	1,989	...	...	1
Seventy-Sixth ⁷⁶	10,226	10,224	...	...	2
Chesapeake City (part)	1,251	1,250	...	...	1
Suffolk City	8,975	8,974	...	...	1
Seventy-Seventh ⁷⁷	10,160	10,153	...	...	7
Chesapeake City (part)	10,160	10,153	...	...	7
Seventy-Eighth ⁷⁸	13,543	13,531	...	...	12
Chesapeake City (part)	13,543	13,531	...	...	12
Seventy-Ninth ⁷⁹	9,461	9,461	...	...	...
Portsmouth City (part)	9,461	9,461	...	...	...
Eightieth ⁸⁰	7,856	7,855	...	...	1
Portsmouth City (part)	7,856	7,855	...	...	1
Eighty-First ⁸¹	11,693	8,279	3,411	...	3
Virginia Beach City (part)	11,693	8,279	3,411	...	3
Eighty-Second ⁸²	14,858	...	14,842	...	16
Virginia Beach City (part)	14,858	...	14,842	...	16
Eighty-Third ⁸³	9,032	9,015	...	...	17
Virginia Beach City (part)	9,032	9,015	...	...	17
Eighty-Fourth ⁸⁴	8,983	8,970	...	...	13
Virginia Beach City (part)	8,983	8,970	...	...	13
Eighty-Fifth ⁸⁵	14,468	...	14,444	...	24
Virginia Beach City (part)	14,468	...	14,444	...	24
Eighty-Sixth ⁸⁶	2,768	2,765	...	...	3
Norfolk City (part)	2,768	2,765	...	...	3
Eighty-Seventh ⁸⁷	8,188	8,166	...	...	22
Norfolk City (part)	8,188	8,166	...	...	22
Eighty-Eighth ⁸⁸	10,248	10,221	...	...	27
Norfolk City (part)	10,248	10,221	...	...	27
Eighty-Ninth ⁸⁹	7,992	7,934	...	...	58
Norfolk City (part)	7,992	7,934	...	...	58
Ninetieth ⁹⁰	9,823	7,590	...	2,229	4
Norfolk City (part)	9,823	7,590	...	2,229	4

CONTINUED ➡



TABLE 9.20
Election Results for Members, House of Delegates
of Virginia: November 3, 1987, *CONTINUED*

Legislative District/ Locality	Total Votes Cast	Votes for Democratic Candidates	Votes for Republican Candidates	Votes for Independent Candidates	Write- in Votes
Ninety-First⁹¹	8,361	8,361	...	...	...
Hampton City (part)	8,361	8,361	...	...	...
Ninety-Second⁹²	9,163	9,158	...	...	5
Hampton City (part)	9,163	9,158	...	...	5
Ninety-Third⁹³	11,363	5,392	5,971	...	...
Newport News City (part)	11,363	5,392	5,971	...	...
Ninety-Fourth⁹⁴	13,704	13,700	...	...	4
Newport News City (part)	13,704	13,700	...	...	4
Ninety-Fifth⁹⁵	12,983	11,080	...	1,903	...
Hampton City (part)	12,983	11,080	...	1,903	...
Newport News City (part)					
Ninety-Sixth⁹⁶	16,391	10,262	...	6,129	...
York	11,343	7,357	...	3,986	...
Poquoson City	14,660	1,625	...	1,692	...
Williamsburg City (part)	1,731	1,280	...	451	...
Ninety-Seventh⁹⁷	16,508	10,310	8,196	...	2
Henrico (part)	6,668	3,168	3,500	...	...
James City	8,256	5,030	3,226	...	...
New Kent	3,584	2,112	1,470	...	2
Ninety-Eighth⁹⁸	16,574	...	16,573	...	1
Essex	2,289	...	2,289	...	...
Gloucester	7,234	...	7,234	...	...
King and Queen	1,556	...	1,556	...	1
King William	2,694	...	2,694	...	...
Mathews	2,800	...	2,800	...	...
Ninety-Ninth⁹⁹	13,594	13,591	...	...	3
King George	2,421	2,419	...	...	2
Lancaster	2,836	2,835	...	...	1
Northumberland	2,507	2,507	...	...	...
Richmond	2,021	2,021	...	...	...
Stafford (part)	739	739	...	...	...
Westmoreland	3,070	3,070	...	...	...
Hundredeth¹⁰⁰	12,562	...	12,560	...	2
Accomack	7,760	...	7,759	...	1
Middlesex	2,033	...	2,032	...	1
Northampton	2,769	...	2,769	...	...

SOURCE: Commonwealth of Virginia, State Board of Elections. *Official Election Results 1987*. Richmond, Virginia, ND.

NOTES: ¹Ford C. Quillen (D) and H. Ronnie Montgomery (R); ²Bonnie P. Elosser (R) and J. Jack Kennedy, Jr. (D); ³William F. Green (D) and Richard L. Settle, Jr. (R); ⁴Donald A. "Don" McGlothlin, Sr. (D), unopposed; ⁵C. Jefferson Stafford (R) and P. Byrd "Pat" Wood (D); ⁶John C. Brown (R), unopposed; ⁷G. C. Jennings (D) and Harold D. Siemp (R); ⁸R. T. "Tom" DuPuis (R) and Thomas M. Jackson, Jr. (D); ⁹Willard R. Finney (D), unopposed; ¹⁰William Roscoe Reynolds (D), unopposed; ¹¹A. L. Philpott (D), unopposed; ¹²Lewis R. "Lew" Sheckler (R) and J. Robert "Bob" Dabyns (D); ¹³Joan H. Munford (D), unopposed; ¹⁴C. Richard "Dick" Cranwell (D), unopposed; ¹⁵G. Steven Agee (R) and James M. "Jim" Young (D); ¹⁶Clifton A. "Chip" Woodrum (D), unopposed; ¹⁷A. Victor "Vic" Thomas (D), unopposed; ¹⁸William T. "Bill" Wilson (D), unopposed; ¹⁹Ronald E. Gravatt (I) and Lacey E. Putney (I); ²⁰Kenneth E. "Ken" Calvert (R) and W. W. "Whitt" Clement (D); ²¹Charles R. Hawkins (R), unopposed; ²²Joseph P. Crouch (R), unopposed;

CONTINUED —

TABLE 9.20
Election Results for Members, House of Delegates
of Virginia: November 3, 1987, *CONTINUED*

NOTES: 23Royston Jester III (R) and E. R. "Ted" Harris, Jr. (D); 24S. Vance Wilkins, Jr. (R), unopposed;
 25A. R. "Pete" Giesen, Jr. (R), unopposed; 26Emmett W. Hanger, Jr. (R), unopposed;
 27Paul C. Cline (D) and Phoebe M. Orebaugh (R); 28I. Clinton Miller (R), unopposed;
 29Alson H. "Al" Smith, Jr. (D), unopposed; 30S. Page Higginbotham (R) and Henry Lee Carter (D);
 31Raymond R. "Andy" Guest, Jr. (R), unopposed; 32Kenneth B. Rollins (R), unopposed;
 33Robert T. Andrews (R) and Katherine E. Fisher (D); 34Vincent F. Callahan, Jr. (R) and Sherman M. Ponder (D);
 35Dorothy S. McDiarmid (D) and S. A. "Steve" Armstrong (R); 36Kenneth R. Plum (D), unopposed;
 37Jeffrey J. Fairfield (D) and Jane H. Woods (R); 38Leslie L. Byrne (D) and A. Strode Brent, Jr. (R);
 39Robert E. Murphy (R) and Alan E. Mayer (D); 40Robert E. Harris (R), unopposed;
 41James J. Dillard II (R), unopposed; 42Robert K. Cunningham (R), unopposed;
 43Gladys B. Keating (D), unopposed; 44Frank Medico (R), unopposed;
 45Marian A. VanLandingham (D) and R. M. "Bob" Gants (R); 46Bernard S. Cohen (D) and John F. Sargent, Jr. (R);
 47James F. Almand (D) and William W. Pascoe III (R); 48Mary A. Marshall (D), unopposed;
 49Warren G. Stambaugh (D) and James B. "Jim" Robinson (R);
 50Harry J. Parrish (R) and Charles A. Agnew, Jr. (D); 51David G. Brickley (D), unopposed;
 52George G. Dowd (D) and J. A. "Jack" Rollison III (R);
 53William J. Howell (R), Thomas Y. Savage (D) and M. A. "Al" Fagan (I); 54Robert W. Ackerman (D), unopposed;
 55Frank D. Hargrove (R), unopposed; 56V. Earl Dickinson (D), unopposed;
 57Mitchell Van Yahres (D), unopposed; 58George F. Allen (R), unopposed;
 59Watkins M. Abbitt, Jr. (D), unopposed; 60Franklin M. Slayton (D) and Mark W. Hagood (R);
 61Lewis W. Parker, Jr. (D), unopposed; 62R. Beasley Jones (D), unopposed;
 63Jay W. DeBoer (D), Leroy Ivey (I) and Barbara P. Shell (I);
 64C. Hardaway Marks (D) and H. Curtis Butterworth (I); 65John C. Watkins (R), unopposed;
 66John G. "Chip" Dicks III (D), unopposed; 67N. Leslie Saunders, Jr. (D) and Stephen H. Martin (R);
 68E. Hatcher Crenshaw, Jr. (R), unopposed; 69Franklin P. Hall (D) and Bradley P. Marrs (R);
 70Roland E. Ealey (D), unopposed; 71Jean W. Cunningham (D), unopposed;
 72Ralph L. "Bill" Axselie, Jr. (D), unopposed; 73Walter A. Stosch (R), unopposed;
 74Robert B. Ball, Sr. (D), unopposed; 75J. Paul Council, Jr. (D), unopposed;
 76J. Samuel Glasscock (D), unopposed; 77V. Thomas Forehand, Jr. (D), unopposed;
 78Frederick J. Creekmore (D), unopposed; 79W. S. "Billy" Moore, Jr. (D), unopposed;
 80Kenneth R. "Ken" Melvin (D), unopposed; 81Darrell J. Hughes (R) and Glenn R. Croshaw (D);
 82Harry R. "Bob" Purkey (R), unopposed; 83J. W. O'Brien, Jr. (D), unopposed;
 84Glenn B. McClanan (D), unopposed; 85Robert Tata (R), unopposed; 86George J. Heilig, Jr. (D), unopposed;
 87Howard E. Copeland (D), unopposed; 88Thomas W. Moss, Jr. (D), unopposed;
 89Jerrauld C. Jones (D), unopposed; 90William P. "Billy" Robinson, Jr. (D) and George H. Banks (I);
 91S. Wallace Stieffen (D), unopposed; 92Mary T. Christian (D), unopposed;
 93Everett H. Hogge (R) and H. Vincent Conway, Jr. (D); 94Alan A. Diamonstein (D), unopposed;
 95W. Henry Maxwell (D) and Bobby E. Lynn (I); 96Shirley F. Cooper (D) and Michael M. Maguire (I);
 97George W. Grayson (D) and Brian R. Wright (R); 98Harvey B. Morgan (R), unopposed;
 99W. Tayloe Murphy, Jr. (D), unopposed; 100Robert S. Bloxom (R), unopposed.

TABLE 9.21
Methods of Selection and Annual Salaries for State Officials, Virginia: 1988

Position	Selection	Annual Salary
Governor	Constitutional, elected by public	\$85,000
Lieutenant Governor	Constitutional, elected by public	20,000
Secretary of State	Appointed by Governor	53,085
Attorney General	Constitutional, elected by public	75,000
Treasurer	Appointed by Governor	65,000
Adjutant General	Appointed by Governor	56,624
Administration	Appointed by Governor	83,250
Agriculture	Appointed by Governor	87,614

CONTINUED ➡



TABLE 9.21
Methods of Selection and Annual Salaries for
State Officials, Virginia: 1988, *CONTINUED*

Position	Selection	Annual Salary
Banking	Appointed by Board	80,523
Budget	Appointed by Governor	79,869
Commerce	Appointed by Governor	83,777
Community Affairs	Appointed by agency head	61,467
Comptroller	Appointed by Governor	78,000
Computer Services	Appointed by Governor	74,941
Consumer Affairs	Appointed by agency head	32,689
Corrections	Appointed by Governor	75,028
Economic Development	Appointed by Governor	80,000
Education	Appointed by Governor	86,489
Elections Administration	Appointed by Governor	55,208
Emergency Management	Appointed by Governor	55,375
Employment Services	Appointed by Governor	68,092
Energy Resources	Appointed by agency head	76,004
Environmental Protection	Appointed by Governor	57,087
Finance	Appointed by Governor	83,250
Fish and Wildlife	Appointed by Board	54,268
General Services	Appointed by Governor	76,004
Health	Appointed by Governor	83,343
Higher Education	Appointed by Governor	84,794
Highways	Appointed by Governor	86,489
Historic Preservation	Appointed by Governor	58,768
Insurance	Appointed by agency head	NA
Labor	Appointed by Governor	58,213
Licensing	Appointed by Governor	51,784
Mental Health and Retardation	Appointed by Governor	83,064
Natural Resources	Appointed by Governor	83,250
Parks and Recreation	Appointed by agency head	58,768
Personnel	Appointed by Governor	71,537
Planning	Appointed by agency head	NA
Post-Audit	Appointed by Governor	43,930
Pre-Audit	Appointed by agency head	NA
Public Library	Appointed by Governor	68,839
Public Utility regulation	Appointed by agency head	NA
Public Welfare	Appointed by Governor	75,381
Purchasing	Appointed by agency head	60,998
Revenue	Appointed by Governor	80,689
Social Service	Appointed by Governor	NA
Solid Waste Management	Appointed by agency head	53,085
State Police	Appointed by Governor	69,011
Tourism	Appointed by agency head	58,343
Transportation	Appointed by Governor	83,250

SOURCE: The Council of State Governments. *The Book of the States 1988-89 Edition*. Lexington, Kentucky, 1988.

NOTES: Some position titles refer to function, and are not exact titles.
 NA—Not available.

TABLE 9.22

Election Results for Governor, Lieutenant Governor, and Attorney General for Virginia's Counties and Cities: November 5, 1985

	Governor			Lieutenant Governor			Attorney General		
	Democrat	Republican	Write-in	Democrat	Republican	Write-in	Democrat	Republican	Write-in
Virginia	741,438	601,652	153	685,329	636,695	89	814,808	512,269	67
Counties									
Accomack	4,476	4,596	...	4,341	4,458	...	4,839	4,005	...
Albemarle	7,528	6,096	1	6,740	6,656	1	8,169	5,306	1
Alleghany	1,791	1,111	...	1,425	1,350	...	1,857	917	...
Amelia	1,522	1,490	...	1,403	1,584	...	1,747	1,236	...
Amherst	4,001	3,438	...	3,858	3,487	...	4,581	2,827	...
Appomattox	2,623	1,872	...	2,375	1,933	...	3,123	1,313	...
Arlington	26,436	14,124	7	25,375	14,701	2	27,735	12,479	4
Augusta	4,936	6,771	...	4,524	6,906	...	5,428	6,025	...
Bath	685	502	...	633	549	...	738	446	...
Bedford	5,070	4,692	1	4,727	4,723	...	5,922	3,651	...
Bland	874	816	...	762	882	...	888	768	...
Botetourt	2,528	2,051	1	2,372	2,096	2	2,865	1,644	...
Brunswick	2,760	1,639	...	2,594	1,779	...	2,917	1,412	...
Buchanan	4,390	2,277	...	4,094	2,451	...	4,026	2,467	...
Buckingham	2,075	1,542	...	1,826	1,671	...	2,323	1,192	...
Campbell	4,932	5,808	...	4,631	5,774	...	6,034	4,414	...
Caroline	2,836	1,583	...	2,554	1,914	...	3,108	1,281	...
Carroll	2,687	3,276	...	2,572	3,250	...	3,156	2,789	...
Charles City	1,487	432	...	1,540	387	...	1,563	342	...
Charlotte	1,923	1,627	...	1,751	1,730	...	2,063	1,413	...
Chesterfield	18,850	29,540	16	15,827	32,186	11	24,864	23,538	4
Clarke	1,166	948	...	1,010	1,060	...	1,280	817	...
Craig	909	737	...	969	661	...	1,018	614	...
Culpeper	2,455	2,619	...	2,137	2,808	...	2,601	2,362	...
Cumberland	1,355	1,380	...	1,225	1,432	...	1,550	1,103	...
Dickenson	3,325	2,054	...	3,058	2,202	...	3,068	2,198	...
Dinwiddie	3,310	2,372	1	2,897	2,750	1	3,742	1,882	1
Essex	1,224	1,270	...	1,044	1,469	...	1,439	1,031	...
Fairfax	87,542	70,656	8	82,634	73,425	4	93,950	62,813	4
Fauquier	4,175	4,168	2	3,753	4,527	1	4,487	3,810	1
Floyd	1,522	1,566	...	1,395	1,588	...	1,702	1,335	...
Fluvanna	1,260	1,109	...	1,180	1,188	1	1,447	902	...
Franklin	4,826	2,950	1	4,346	3,106	1	5,451	2,255	1
Frederick	3,475	3,455	...	3,094	3,734	1	3,824	3,066	...
Giles	2,650	1,944	...	2,512	1,958	...	2,892	1,634	...
Gloucester	3,418	3,394	...	3,072	3,472	...	3,830	2,718	...
Goochland	2,224	2,072	...	2,081	2,159	...	2,584	1,644	...
Grayson	2,448	2,121	...	2,217	2,205	...	2,484	2,022	...
Greene	700	1,000	1	592	1,041	1	720	921	...
Greensville	1,997	1,171	...	1,913	1,201	...	2,144	965	...
Halifax	3,778	3,670	...	3,480	3,719	...	3,870	3,315	...
Hanover	6,535	10,726	5	5,361	11,687	1	8,427	8,734	4
Henrico	27,424	33,218	32	23,373	36,843	22	34,015	26,490	13
Henry	9,184	5,437	...	7,230	6,197	...	10,183	4,609	...
Highland	437	425	...	399	459	...	445	416	...
Isle of Wight	3,761	2,817	...	3,544	2,902	...	4,292	2,223	...
James City	3,621	3,193	...	3,558	3,149	...	4,132	2,593	...
King and Queen	1,138	730	...	1,081	772	...	1,234	604	...
King George	1,271	984	...	947	1,309	...	1,406	845	...
King William	1,532	1,494	...	1,398	1,609	...	1,852	1,132	...

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TABLE 9.22

Election Results for Governor, Lieutenant Governor, and Attorney General
for Virginia's Counties and Cities: November 5, 1985, *CONTINUED*

	Governor			Lieutenant Governor			Attorney General		
	Demo- crat	Repub- lican	Write- in	Demo- crat	Repub- lican	Write- in	Demo- crat	Repub- lican	Write- in
Lancaster	1,708	2,159	...	1,383	2,465	...	2,005	1,784	...
Lee	3,984	2,398	...	3,688	2,545	...	3,729	2,522	...
Loudoun	7,925	6,802	1	7,393	7,060	...	8,639	5,829	1
Louisa	2,856	2,104	2	2,566	2,362	1	3,235	1,678	...
Lunenburg	1,804	1,369	...	1,542	1,539	...	1,849	1,230	...
Madison	1,538	1,385	...	1,376	1,472	...	1,658	1,215	...
Mathews	1,298	1,460	...	1,207	1,437	...	1,441	1,182	...
Mecklenburg	3,195	3,365	...	2,704	3,707	...	3,138	3,235	...
Middlesex	1,500	1,421	...	1,355	1,511	...	1,614	1,228	...
Montgomery	7,702	5,801	1	7,475	5,811	...	9,117	4,247	...
Nelson	2,043	1,043	...	1,874	1,154	1	2,269	802	...
New Kent	1,436	1,447	...	1,302	1,574	...	1,718	1,159	...
Northampton	2,375	1,539	...	2,154	1,664	...	2,541	1,334	...
Northumberland	1,657	2,015	...	1,255	2,392	...	1,797	1,635	...
Nottoway	2,269	1,993	...	1,958	2,262	...	2,335	1,855	...
Orange	2,243	2,117	...	1,918	2,383	1	2,481	1,825	...
Page	2,330	2,037	...	2,159	2,065	...	2,233	2,025	...
Patrick	3,249	1,364	...	2,185	1,820	...	2,852	1,648	...
Pittsylvania	6,886	8,014	...	6,188	8,298	...	8,168	6,627	...
Powhatan	1,498	2,273	...	1,387	2,333	...	1,952	1,783	...
Prince Edward	2,736	2,140	2	2,507	2,210	...	2,972	1,772	4
Prince George	2,400	2,568	...	2,039	2,883	2	2,897	2,034	...
Prince William	13,499	10,909	4	12,388	11,722	3	14,811	9,353	1
Pulaski	5,380	3,626	...	4,933	3,860	...	5,799	3,072	...
Rappahannock	930	743	...	845	806	...	1,011	649	1
Richmond	929	1,084	...	660	1,361	...	1,122	754	...
Roanoke	10,710	9,332	1	9,995	9,795	...	13,249	6,717	1
Rockbridge	1,878	1,672	2	1,799	1,667	...	2,159	1,337	...
Rockingham	4,229	5,904	...	4,289	5,561	...	4,582	5,275	...
Russell	4,622	2,541	...	4,203	2,773	...	4,439	2,590	...
Scott	3,453	2,909	...	3,031	3,163	...	3,350	2,925	...
Shenandoah	3,138	4,305	...	3,105	4,216	...	3,270	4,107	...
Smyth	4,426	3,996	...	3,832	4,342	...	4,807	3,473	...
Southampton	2,721	2,557	...	2,699	2,504	1	3,484	1,750	...
Spotsylvania	4,146	3,446	...	3,133	4,447	...	4,574	2,999	...
Stafford	5,078	4,980	2	3,467	6,676	...	5,631	4,362	...
Surry	1,405	742	...	1,387	758	...	1,514	614	...
Sussex	2,066	1,311	...	1,914	1,420	...	2,309	1,036	...
Tazewell	4,722	3,285	...	4,320	3,517	...	4,463	3,371	1
Warren	2,327	1,811	...	2,149	1,971	...	2,454	1,640	...
Washington	5,691	4,936	...	4,676	5,511	...	6,119	4,230	...
Westmoreland	1,972	1,484	...	1,602	1,893	...	2,099	1,262	...
Wise	6,445	3,384	...	5,767	3,847	...	6,043	3,634	...
Wythe	3,597	3,186	...	3,157	3,256	...	3,930	2,710	...
York	4,536	4,795	2	4,535	4,685	...	5,331	3,908	...
Cities									
Alexandria	15,506	8,304	3	14,819	8,579	1	16,141	7,247	...
Bedford	1,171	797	...	1,005	795	...	1,211	623	...
Bristol	2,734	2,082	...	2,299	2,352	...	3,114	1,659	...
Buena Vista	1,041	708	...	1,007	645	...	1,163	517	...
Charlottesville	5,715	2,941	1	5,285	3,264	2	5,970	2,580	...
Chesapeake	16,495	11,364	1	15,487	12,086	...	17,749	10,141	2
Clifton Forge	815	399	...	666	489	...	763	362	...
Colonial Heights	1,950	3,437	1	1,381	3,900	...	2,442	2,883	...

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TABLE 9.22

Election Results for Governor, Lieutenant Governor, and Attorney General
for Virginia's Counties and Cities: November 5, 1985, *CONTINUED*

	Governor			Lieutenant Governor			Attorney General		
	Demo- crat	Repub- lican	Write- in	Demo- crat	Repub- lican	Write- in	Demo- crat	Repub- lican	Write- in
Covington	1,625	792	...	1,300	1,035	...	1,626	650	...
Danville	4,718	6,548	1	4,493	6,786	...	5,400	5,936	...
Emporia	779	748	...	682	809	...	859	633	...
Fairfax	2,577	2,538	...	2,405	2,596	...	2,807	2,225	...
Falls Church	1,816	1,206	1	1,766	1,227	...	1,973	1,034	...
Franklin	1,307	893	...	1,330	826	...	1,586	584	...
Fredericksburg	2,186	1,827	1	1,710	2,309	...	2,440	1,537	2
Galax	1,087	854	...	1,022	844	...	1,246	647	...
Hampton	16,634	10,671	1	16,526	10,618	...	17,382	8,897	...
Harrisonburg	2,298	2,553	1	2,208	2,522	...	2,561	2,198	...
Hopewell	2,999	3,173	1	2,640	3,416	1	3,300	2,670	...
Lexington	883	726	...	895	664	...	1,061	513	...
Lynchburg	8,389	8,784	...	8,047	8,783	1	9,731	7,173	1
Manassas	1,534	1,626	...	1,418	1,699	...	1,727	1,402	...
Manassas Park	457	379	...	415	372	...	439	347	...
Martinsville	3,220	2,068	...	2,879	2,256	...	3,966	1,455	...
Newport News	19,429	14,433	7	19,443	14,097	5	21,634	11,874	4
Norfolk	30,857	14,652	8	30,076	15,130	4	32,420	12,595	1
Norton	945	401	...	806	479	...	877	402	...
Petersburg	7,556	3,604	...	7,468	3,705	...	8,209	2,785	...
Poquoson	1,154	1,750	...	1,087	1,745	...	1,384	1,476	...
Portsmouth	19,098	9,059	3	17,529	10,255	1	19,229	8,525	...
Radford	1,977	1,363	...	1,981	1,305	...	2,344	967	...
Richmond	42,953	20,904	22	42,605	22,058	8	46,578	16,782	7
Roanoke	13,380	7,272	2	12,720	7,717	1	15,071	5,431	...
Salem	3,082	2,493	1	2,878	2,606	...	3,650	1,858	...
South Boston	890	1,121	...	813	1,157	...	951	1,024	...
Staunton	2,729	3,299	...	2,403	3,372	...	3,089	2,637	...
Suffolk	7,937	5,037	...	7,362	5,331	...	8,630	4,051	...
Virginia Beach	29,967	31,144	5	28,317	31,620	7	32,469	28,707	6
Waynesboro	2,217	1,945	...	1,829	2,208	...	2,329	1,704	...
Williamsburg	1,284	905	...	1,247	896	...	1,373	780	...
Winchester	2,443	2,137	...	2,155	2,345	...	2,709	1,823	2
MSAs									
Bristol (Va. portion)	11,878	9,927	...	10,006	11,026	...	12,583	8,814	...
Charlottesville	15,203	11,146	3	13,797	12,149	5	16,306	9,709	1
Danville	11,604	14,562	1	10,681	15,084	...	13,568	12,563	...
Lynchburg	17,322	18,030	...	16,536	18,044	1	20,346	14,414	1
Norfolk	154,430	110,397	27	148,239	113,084	17	165,563	96,265	13
Northern Virginia	162,370	121,524	26	152,080	128,057	10	173,853	107,091	10
Richmond	120,622	115,766	78	109,901	125,881	46	142,291	92,726	29
Roanoke	29,700	21,148	5	27,965	22,214	3	34,835	15,650	1
Planning Districts									
LENOWISCO	14,827	9,092	...	13,292	10,034	...	13,999	9,483	...
Cumberland Plateau	17,059	10,157	...	15,675	10,943	...	15,996	10,626	1
Mount Rogers	23,544	21,267	...	20,537	22,642	...	25,744	18,298	...
New River Valley	19,231	14,300	1	18,296	14,522	...	21,854	11,255	...
Fifth	34,840	24,187	5	32,325	25,749	3	40,099	18,193	1
Central Shenandoah	21,333	24,505	3	19,986	24,553	...	23,555	21,068	...
Lord Fairfax	14,879	14,693	...	13,672	15,391	1	15,770	13,478	2
Northern Virginia	157,292	116,544	24	148,613	121,381	10	168,222	102,729	10

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**TABLE 9.22**

Election Results for Governor, Lieutenant Governor, and Attorney General for Virginia's Counties and Cities: November 5, 1985, *CONTINUED*

	Governor			Lieutenant Governor			Attorney General		
	Demo- crat	Repub- lican	Write- in	Demo- crat	Repub- lican	Write- in	Demo- crat	Repub- lican	Write- in
Rappahannock— Rapidan	11,341	11,032	2	10,029	11,996	2	12,238	9,861	2
Thomas Jefferson	20,102	14,293	5	18,237	15,665	7	21,810	12,189	1
Central Virginia	26,186	25,391	1	24,643	25,495	1	30,602	20,001	1
West Piedmont	32,083	26,381	2	27,321	28,463	1	36,020	22,530	1
Southside	10,623	9,795	...	9,591	10,362	...	10,876	8,986	...
Piedmont	13,684	11,541	2	12,212	12,428	...	14,839	9,801	4
Richmond Regional	102,407	100,612	75	93,476	109,227	42	121,701	80,472	28
RADCO	15,517	12,820	3	11,811	16,655	...	17,159	11,024	2
Northern Neck	6,266	6,742	...	4,900	8,111	...	7,023	5,435	...
Middle Peninsula	10,110	9,769	...	9,157	10,270	...	11,410	7,895	...
Crater	24,462	19,126	3	22,321	20,842	4	27,416	15,502	1
Southeastern Virginia	112,143	77,523	17	106,344	80,654	13	119,859	68,576	9
Peninsula	46,658	35,747	10	46,396	35,190	5	51,236	29,528	4
Accomack—Northampton	6,851	6,135	...	6,495	6,122	...	7,380	5,339	...

SOURCE: Commonwealth of Virginia, State Board of Elections. *Official Election Results 1985*. Richmond, Virginia, ND.

NOTES: For Governor, Gerald Baliles (D) versus Wyatt Durrette (R).

For Lieutenant Governor, Douglas Wilder (D) versus John Chichester (R).

For Attorney General, Mary Sue Terry (D) versus W. R. O'Brien (R).

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 9.23

Election Results for Pari-Mutuel Betting and the Lottery for Virginia's Counties and Cities: 1987 and 1988

	Pari-Mutuel Betting			Lottery		
	For	Against	Percent "For"	For	Against	Percent "For"
Virginia	1,086,996	858,850	55.9%	791,518	607,884	56.6%
Counties						
Accomack	5,506	4,211	56.7	5,876	4,143	58.6
Albemarle	14,202	10,728	57.0	7,996	7,393	52.0
Alleghany	1,755	2,606	40.2	1,692	2,509	40.3
Amelia	1,842	1,413	56.6	1,897	1,228	60.7
Amherst	4,738	4,925	49.0	3,970	4,116	49.1
Appomattox	1,726	2,293	42.9	1,467	2,269	39.3
Arlington	35,680	27,536	56.4	17,826	14,843	54.6
Augusta	6,525	8,298	44.0	4,757	7,199	39.8
Bath	1,052	1,126	48.3	998	1,182	45.8
Bedford	5,736	9,201	38.4	4,218	6,300	40.1
Bland	870	1,137	43.3	999	1,191	45.6
Botetourt	3,799	4,804	44.2	3,143	3,536	47.1

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TABLE 9.23

Election Results for Pari-Mutuel Betting and the Lottery for Virginia's Counties and Cities: 1987 and 1988, *CONTINUED*

	Pari-Mutuel Betting			Lottery		
	For	Against	Percent "For"	For	Against	Percent "For"
Brunswick	2,857	1,869	60.5	2,585	1,577	62.1
Buchanan	3,284	3,869	45.9	3,661	3,739	49.5
Buckingham	1,967	1,971	49.9	1,858	1,679	52.5
Campbell	6,141	7,806	44.0	5,189	6,612	44.0
Caroline	3,354	2,204	60.3	3,219	1,663	65.9
Carroll	3,279	5,341	38.0	3,598	3,848	48.3
Charles City	1,760	652	73.0	1,455	588	71.2
Charlotte	1,954	2,009	49.3	2,045	1,973	50.9
Chesterfield	42,286	35,256	54.5	32,073	21,371	60.0
Clarke	2,352	1,433	62.1	1,840	1,120	62.2
Craig	817	1,173	41.1	967	927	51.1
Culpeper	4,060	2,925	58.1	2,689	2,226	54.7
Cumberland	1,270	974	56.6	1,557	929	62.6
Dickenson	3,038	3,146	49.1	3,107	3,745	45.3
Dinwiddie	4,038	2,715	59.8	4,005	2,071	65.9
Essex	1,866	1,150	61.9	1,767	1,132	61.0
Fairfax	179,501	131,790	57.7	96,909	60,846	61.4
Fauquier	8,824	5,497	61.6	5,257	3,997	56.8
Floyd	1,351	2,165	38.4	1,288	1,748	42.4
Fluvanna	2,195	1,597	57.9	1,682	1,412	54.4
Franklin	5,094	7,292	41.1	4,079	5,456	42.8
Frederick	7,023	5,942	54.2	5,021	4,319	53.8
Giles	2,039	2,779	42.3	2,173	2,828	43.5
Gloucester	5,644	3,742	60.1	4,414	3,181	58.1
Goochland	3,231	2,085	60.8	2,651	1,788	59.7
Grayson	2,297	3,301	41.0	2,612	2,899	47.4
Greene	1,560	1,082	59.0	1,203	873	57.9
Greensville	1,718	1,319	56.6	2,282	1,330	63.2
Halifax	3,143	4,424	41.5	3,300	3,315	49.9
Hanover	13,554	11,977	53.1	10,169	7,903	56.3
Henrico	52,363	36,241	59.1	39,795	25,922	60.6
Henry	5,787	8,024	41.9	4,595	6,598	41.1
Highland	507	771	39.7	575	732	44.0
Isle of Wight	5,001	3,504	58.8	3,883	3,232	54.6
James City	7,553	4,933	60.5	4,519	3,002	60.1
King and Queen	1,320	1,027	56.2	1,110	964	53.5
King George	2,114	1,779	54.3	1,699	1,243	57.7
King William	2,418	1,598	60.2	2,163	1,250	63.4
Lancaster	2,097	1,487	58.5	2,050	1,603	56.1
Lee	3,204	4,137	43.6	4,676	4,366	51.7
Loudoun	17,787	11,048	61.7	9,114	5,829	61.0
Louisa	3,536	2,632	57.3	2,996	2,316	56.4
Lunenburg	1,942	1,412	57.9	1,679	1,234	57.6
Madison	2,006	1,435	58.3	1,522	1,198	56.0
Mathews	1,805	1,456	55.4	1,624	1,414	53.5
Mecklenburg	4,044	3,391	54.4	2,344	3,245	41.9
Middlesex	2,031	1,331	60.4	1,546	1,344	53.5
Montgomery	8,451	12,290	40.7	5,305	7,752	40.6
Nelson	2,483	1,889	56.8	2,104	1,686	55.5
New Kent	2,757	1,556	63.9	2,484	1,205	67.3
Northampton	2,513	1,164	68.3	2,837	1,285	68.8
Northumberland	2,035	1,512	57.4	2,004	1,454	58.0
Nottoway	2,452	1,665	59.6	2,613	1,460	64.2
Orange	3,713	2,250	62.3	2,624	1,887	58.2
Page	3,576	3,280	52.2	4,035	2,664	60.2
Patrick	1,818	2,469	42.4	1,717	2,173	44.1

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TABLE 9.23

Election Results for Pari-Mutuel Betting and the Lottery for Virginia's Counties and Cities: 1987 and 1988, *CONTINUED*

	Pari-Mutuel Betting			Lottery		
	For	Against	Percent "For"	For	Against	Percent "For"
Pittsylvania	5,645	8,623	39.6	5,507	8,431	39.5
Powhatan	2,994	2,140	58.3	2,608	1,617	61.7
Prince Edward	2,168	2,292	48.6	2,536	1,676	60.2
Prince George	4,262	2,613	62.0	3,918	1,730	69.4
Prince William	33,267	22,393	59.8	22,638	8,897	71.8
Pulaski	4,439	5,630	44.1	3,786	4,215	47.3
Rappahannock	1,596	1,103	59.1	1,140	936	54.9
Richmond	1,385	1,133	55.0	1,441	1,040	58.1
Roanoke	15,674	18,599	45.7	11,522	13,786	45.5
Rockbridge	2,353	3,047	43.6	2,035	2,475	45.1
Rockingham	5,724	9,709	37.1	5,292	7,041	42.9
Russell	3,046	3,539	46.3	3,218	5,137	38.5
Scott	2,720	3,444	44.1	2,707	3,745	42.0
Shenandoah	5,430	6,011	47.5	4,859	4,947	49.6
Smyth	3,754	5,063	42.6	3,691	5,447	40.4
Southampton	3,366	2,178	60.7	2,928	2,314	55.9
Spotsylvania	8,960	6,841	56.7	7,049	4,456	61.3
Stafford	10,115	6,924	59.4	7,720	4,120	65.2
Surry	1,387	940	59.6	1,392	895	60.9
Sussex	1,570	997	61.2	1,696	875	66.0
Tazewell	4,848	6,009	44.7	4,140	5,865	41.4
Warren	3,580	2,240	61.5	2,864	1,929	59.8
Washington	6,000	9,657	38.3	3,804	7,345	34.1
Westmoreland	2,855	1,378	67.4	2,489	1,112	69.1
Wise	4,087	4,936	45.3	4,386	5,288	45.3
Wythe	3,466	4,614	42.9	3,174	4,138	43.4
York	8,883	6,418	58.1	6,472	4,804	57.4
Cities						
Alexandria	18,767	11,495	62.0	9,938	7,395	57.3
Bedford	854	857	49.9	825	788	51.1
Bristol	2,927	3,309	46.9	1,667	3,078	35.1
Buena Vista	577	869	39.9	582	871	40.1
Charlottesville	7,105	5,808	55.0	3,440	3,621	48.7
Chesapeake	26,295	20,035	56.8	19,044	13,132	59.2
Clifton Forge	642	636	50.2	712	717	49.8
Colonial Heights	3,917	3,369	53.8	2,940	2,110	58.2
Covington	1,117	1,378	44.8	900	1,313	40.7
Danville	6,099	6,602	48.0	5,521	5,954	48.1
Emporia	1,108	886	55.6	775	623	55.4
Fairfax	3,998	2,821	58.6	2,988	2,352	56.0
Falls Church	2,653	1,964	57.5	1,492	1,405	51.5
Franklin	1,755	1,019	63.3	1,212	962	55.7
Fredericksburg	3,213	2,344	57.8	2,397	1,911	55.6
Galax	836	1,056	44.2	720	861	45.5
Hampton	20,731	12,178	63.0	19,083	11,135	63.2
Harrisonburg	2,887	4,196	40.8	2,261	2,762	45.0
Hopewell	3,530	2,586	57.7	3,608	2,209	62.0
Lexington	832	934	47.1	613	763	44.5
Lynchburg	8,814	9,733	47.5	7,759	9,507	44.9
Manassas	4,294	2,607	62.2	2,201	1,406	61.0
Manassas Park	729	372	66.2	476	251	65.5
Martinsville	2,086	2,169	49.0	1,767	2,226	44.3
Newport News	30,408	18,791	61.8	23,602	14,976	61.2
Norfolk	41,332	21,228	66.1	31,822	15,224	67.6
Norton	623	482	56.4	529	403	56.8

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TABLE 9.23

Election Results for Pari-Mutuel Betting and the Lottery for Virginia's Counties and Cities: 1987 and 1988, *CONTINUED*

	Pari-Mutuel Betting			Lottery		
	For	Against	Percent "For"	For	Against	Percent "For"
Petersburg	7,215	3,445	67.7	6,989	2,528	73.4
Poquoson	2,582	1,999	56.4	1,860	1,491	55.5
Portsmouth	19,647	11,393	63.3	15,111	9,249	62.0
Radford	1,906	2,188	46.6	1,411	1,747	44.7
Richmond	43,397	23,258	65.1	34,543	16,724	67.4
Roanoke	15,194	15,044	50.2	11,823	12,366	48.9
Salem	4,091	4,923	45.4	3,132	3,800	45.2
South Boston	1,057	1,182	47.2	1,050	1,075	49.4
Staunton	3,051	3,277	48.2	2,588	3,426	43.0
Suffolk	9,178	5,811	61.2	6,579	5,119	56.2
Virginia Beach	70,142	39,432	64.0	46,348	22,373	67.4
Waynesboro	2,529	2,695	48.4	2,067	2,959	41.1
Williamsburg	1,578	1,109	58.7	949	815	53.8
Winchester	3,482	2,855	54.9	2,075	1,934	51.8
MSAs						
Bristol (Va. portion)	11,647	16,410	41.5	8,178	14,168	36.6
Charlottesville	25,062	19,215	56.6	14,321	13,299	51.9
Danville	11,744	15,225	43.5	11,028	14,385	43.4
Lynchburg	19,693	22,464	46.7	16,918	20,235	45.5
Norfolk	243,976	147,069	62.4	179,803	104,501	63.2
Northern Virginia	306,791	218,950	58.4	171,302	107,344	61.5
Richmond	185,304	127,893	59.2	147,238	87,766	62.7
Roanoke	38,758	43,370	47.2	29,620	33,488	46.9
Planning Districts						
LENOWISCO	10,634	12,999	45.0	12,298	13,802	47.1
Cumberland Plateau	14,216	16,563	46.2	14,126	18,486	43.3
Mount Rogers	23,429	33,478	41.2	20,265	28,807	41.3
New River Valley	18,186	25,052	42.1	13,963	18,290	43.3
Fifth	43,089	49,163	46.7	33,891	38,954	46.5
Central Shenandoah	26,037	34,922	42.7	21,768	29,410	42.5
Lord Fairfax	25,443	21,761	53.9	20,694	16,913	55.0
Northern Virginia	296,676	212,026	58.3	163,582	103,224	61.3
Rappahannock-Rapidan	20,199	13,210	60.5	13,232	10,244	56.4
Thomas Jefferson	31,081	23,736	56.7	19,421	17,301	52.9
Central Virginia	28,009	34,815	44.6	23,428	29,592	44.2
West Piedmont	26,529	35,179	43.0	23,186	30,838	42.9
Southside	11,101	10,866	50.5	9,279	9,212	50.2
Piedmont	13,595	11,736	53.7	14,185	10,179	58.2
Richmond Regional	162,342	113,165	58.9	125,778	77,118	62.0
RADCO	27,756	20,092	58.0	22,084	13,393	62.2
Northern Neck	8,372	5,510	60.3	7,984	5,209	60.5
Middle Peninsula	15,084	10,304	59.4	12,624	9,285	57.6
Crater	28,745	18,870	60.4	27,605	14,371	65.8
Southeastern Virginia	176,716	104,600	62.8	126,927	71,605	63.9
Peninsula	71,738	45,428	61.2	56,485	36,223	60.9
Accomack-Norhampton	8,019	5,375	59.9	8,713	5,428	61.6

SOURCES: Commonwealth of Virginia, State Board of Elections. *Official Results Special Election - November 8, 1988*. Richmond, Virginia, 1988. (Mimeograph.); Commonwealth of Virginia, State Board of Elections. *Official Election Results 1987*. Richmond, Virginia, ND.

NOTES: A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.



Section 10: Government Employment

The federal government's extensive activity in Virginia makes government employment a significant force in the state's economy. This section presents data on federal, state, and local government employment in the Commonwealth, including information on the number of public employees by locality and by function, payrolls and average earnings, military personnel and veterans, and social security coverage of government workers. Data on government finances are presented separately in Section 11.

The U.S. Bureau of the Census is the source for most of the data collected here. Every five years the Bureau conducts a Census of Governments that covers public employment as well as governmental organization, finances, and taxable property values; the latest data covering employment in the Census of Governments was for 1982. The *Compendium of Public Employment* from this census provides summary data on employment and payrolls for all levels of government, by function and type of government. This report supplied the information in Tables 10.16A-D and 10.20.

The Bureau of the Census also conducts an annual survey entitled *Government Employment Series*. For 1986, this series contained four reports: *Public Employment*, *Local Government Employment*, *City Employment*, and *County Government Employment*. Information for individual localities in the last two reports is limited to those independent cities and counties having populations above 50,000 and 100,000, respectively.

At the state and local levels, Census Bureau data on government are based on information reported by local officials to Census questionnaires. At the federal level, however, information comes from the Office of Personnel Management, which collects employment and payroll data from all departments and agencies of the federal government except the Central Intelligence Agency and the National Security Agency. This office publishes a *Biennial Report of Employment by Geographic Area*, the source for several tables here covering the federal workforce. An additional source for statistics on federal employees and their earnings is the Bureau of Economic Analysis (BEA), U.S. Department of Commerce, in its annual publication, *Local Area Personal Income*. Data from the BEA are reproduced in the *Statistical Abstract of the United States* and the *State and Metropolitan Area Data Book*.

Military personnel account for slightly over half the federal employment in Virginia. The Department of Defense (Washington Headquarters Services) publishes an annual report, *Atlas/State Data Abstract for the United States*, with state-by-state summaries of defense employment (both military and civilian), expenditures, and major locations of personnel. Tables 10.11, 10.12, and 10.13 are based on this report. Information on veterans (Table 10.19) comes originally from the U.S. Veterans Administration.

CONCEPTS

FULL-TIME EQUIVALENT EMPLOYMENT

Full-time equivalent employment is calculated by adding the number of full-time workers and the fractional amounts of full-time represented by all part-time workers.

GENERAL CONTROL

As a category of government functions, general control includes overall planning and zoning activities, central personnel and administrative services, the office of chief executive, legislative activities, and court-related activities.

Figure 10.1
State and Local Government Employment: 1986

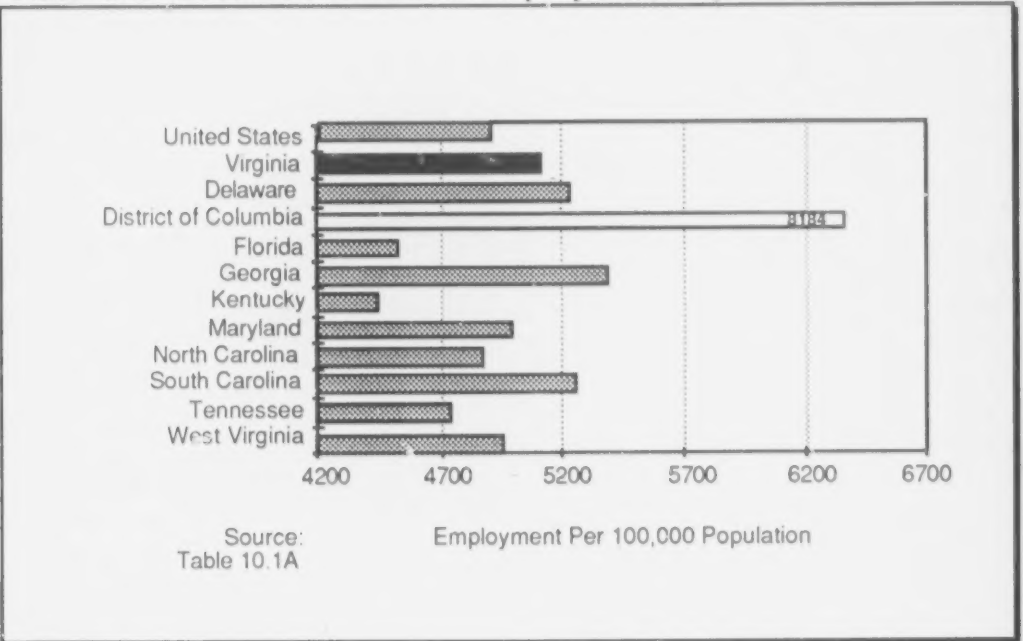




Figure 10.2
Department of Defense Estimated Payroll: Virginia FY 1987

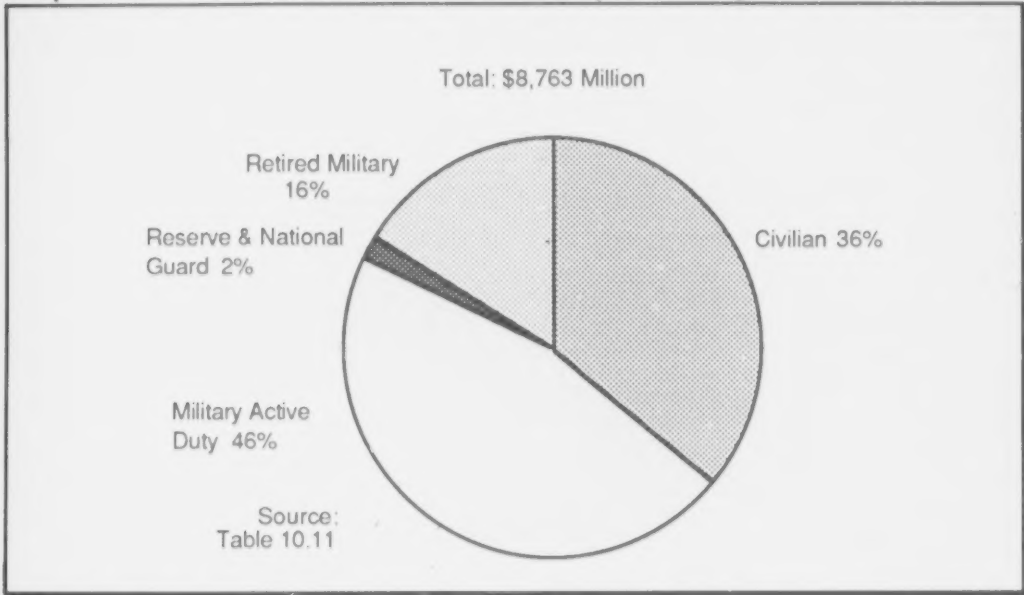


Figure 10.3
Military Personnel in Virginia: Fiscal Year 1987

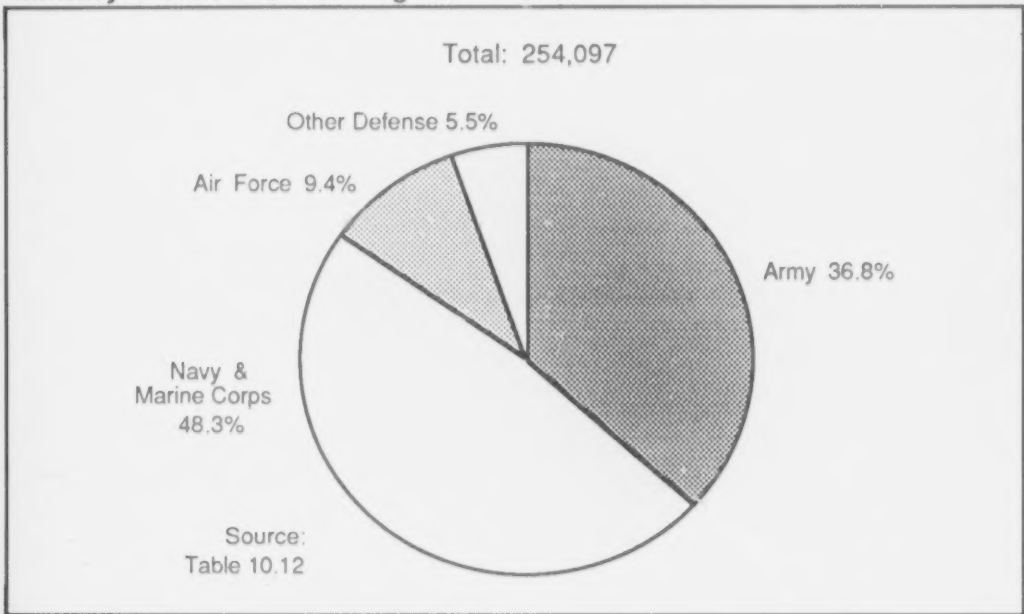


TABLE 10.1A
Full-Time Equivalent Employment of State and Local Governments
by Function for the U.S., Virginia, and Surrounding States: 1986

	All Functions	Total	Education		Libraries	Public Welfare
			Higher Education	Elementary and Secondary		
United States	11,852,532	5,851,671	1,353,256	4,403,266	83,901	409,653
Virginia	296,780	158,525	36,545	119,233	2,300	7,786
Delaware	33,175	16,550	5,099	11,207	83	1,751
District of Columbia	51,151	12,276	1,420	10,856	403	1,929
Florida	530,364	240,879	47,106	191,487	3,036	12,845
Georgia	329,486	150,434	26,463	120,572	1,525	6,555
Kentucky	165,914	89,291	18,653	66,627	873	4,369
Maryland	222,912	108,596	28,981	77,431	2,224	7,055
North Carolina	308,909	165,575	42,878	119,634	1,782	9,984
South Carolina	177,842	93,828	22,582	68,149	714	4,780
Tennessee	227,659	108,845	25,387	81,344	904	8,408
West Virginia	95,311	54,875	9,958	43,377	266	2,578

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Public Employment in 1986*. U.S. Government Printing Office, Washington, D.C., annual.

TABLE 10.1B
Full-Time Equivalent Employment of State and Local Governments by Function
for the U.S., Virginia, and Surrounding States: 1986, Continued

	Hospitals	Health	Social Insurance Admin- istration	High- ways	Air & Water Trans- portation	Police Pro- tection
United States	1,028,141	268,292	101,752	534,073	39,320	648,777
Virginia	21,623	7,967	1,542	14,273	410	13,600
Delaware	1,631	1,078	323	1,757	148	1,651
District of Columbia	2,370	3,217	...	1,005	...	4,477
Florida	46,053	13,438	2,797	21,572	2,724	35,662
Georgia	57,124	11,983	1,887	13,389	1,100	15,016
Kentucky	10,386	3,829	1,779	10,090	336	7,408
Maryland	8,849	7,497	1,296	10,557	815	13,146
North Carolina	25,424	10,875	2,238	14,223	798	14,734
South Carolina	22,573	5,343	1,385	6,699	649	7,706
Tennessee	22,671	6,127	1,524	12,041	504	10,844
West Virginia	7,334	1,663	873	6,610	136	3,293

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Public Employment in 1986*. U.S. Government Printing Office, Washington, D.C., annual.

**TABLE 10.1C**

Full-Time Equivalent Employment of State and Local Governments by Function for the U.S., Virginia, and Surrounding States: 1986, Continued

	Fire Protection	Correc- tions	Natural Resources	Parks & Recreat- ion	Housing & Urban Renewal	Sewer- age
United States	243,503	368,902	170,486	201,631	97,349	106,912
Virginia	6,012	11,354	3,902	5,442	1,693	3,583
Delaware	264	1,492	478	350	213	324
District of Columbia	1,677	3,399	...	1,001	1,123	608
Florida	13,440	22,130	9,660	12,836	3,447	6,068
Georgia	6,961	10,712	5,121	4,406	2,892	2,604
Kentucky	2,491	5,781	3,473	3,162	896	1,519
Maryland	5,377	9,349	2,616	5,600	3,167	3,339
North Carolina	4,457	9,856	4,524	3,835	2,285	2,307
South Carolina	2,218	6,331	2,123	1,838	942	1,207
Tennessee	5,233	7,622	2,622	3,033	2,708	1,672
West Virginia	858	1,336	1,969	1,192	410	790

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Public Employment in 1986*. U.S. Government Printing Office, Washington, D.C., annual.

TABLE 10.1D

Full-Time Equivalent Employment of State and Local Governments by Function for the U.S., Virginia, and Surrounding States: 1986, Continued

	Sanitation Other Than Sewerage	Financ- ial Adminis- tration	General Control	Public Utilities		
				Water Supply	Gas Supply & Electric Power	Transit
United States	108,936	295,984	446,001	133,451	88,953	191,693
Virginia	3,018	8,140	7,859	3,015	594	988
Delaware	202	1,159	1,618	149	163	220
District of Columbia	744	950	2,631	608	...	8,723
Florida	6,365	15,025	22,791	7,348	4,834	4,310
Georgia	5,327	6,318	8,771	4,164	1,343	3,489
Kentucky	1,660	4,068	6,373	2,277	782	926
Maryland	1,851	6,014	8,897	2,299	123	3,279
North Carolina	4,383	7,481	8,019	3,150	1,447	333
South Carolina	2,563	4,355	4,557	2,050	2,076	246
Tennessee	3,271	5,644	5,762	3,937	7,493	687
West Virginia	649	2,818	2,842	936	17	442

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Public Employment in 1986*. U.S. Government Printing Office, Washington, D.C., annual.

TABLE 10.2
Number of Public Employees by Level of Government, Virginia: 1975-1986

	1986	1985	1984	1982	1980	1975
All Employees:¹						
All Governments	496,565	486,721	483,235	463,838	458,423	425,420
Federal (Civilian)	155,760	155,038	152,737	150,382	144,191	143,100
State and Local:						
Total	340,805	331,683	330,498	313,456	314,232	282,320
State	123,266	119,216	117,155	116,174	113,667	97,226
Local	217,539	212,467	213,343	197,282	200,565	185,094
Full-Time Equivalent:						
Employment of state and local governments:						
Total	296,780	259,353	277,242	266,713	268,850	241,982
State	102,146	88,432	94,849	94,178	94,165	80,145
Local	194,634	170,921	182,393	172,535	174,685	161,567

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Public Employment in 1986*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: ¹Full-time and part-time.

TABLE 10.3
Full-Time Equivalent Employment of State and Local Governments, by Function, Virginia: 1975-1986

Function	1986	1984	1982	1980	1975
All Functions	296,780	277,242	266,713	268,850	241,982
Education, total	158,525	147,337	140,078	143,507	131,617
Higher education, total	36,545	32,322	31,328	31,575	25,875
Instructional employees	13,606	11,929	11,234	11,538	9,601
Other employees	22,939	20,393	20,094	20,037	16,274
Elementary and secondary, total	119,233	112,262	106,291	109,106	102,909
Instructional employees	81,277	76,826	73,077	76,003	72,476
Other employees	37,956	35,436	33,214	33,103	30,433
Other education ¹	2,747	2,753	2,459	2,826	2,833
Libraries ²	2,300	2,308	1,745	1,677	1,529
Public welfare	7,786	6,678	6,589	6,522	5,631
Hospitals	21,623	20,928	21,328	19,676	17,441
Health	7,967	7,179	6,855	7,422	5,893
Social insurance administration ¹	1,542	1,547	1,740	2,099	1,524
Highways	14,273	13,353	13,522	15,097	15,230
Air and water transportation	410	378	343	229	NA
Police protection	13,600	12,904	12,245	11,633	10,548
Fire protection ²	6,012	5,726	5,268	5,075	4,360
Correction	11,354	11,639	10,907	9,390	4,883
Natural resources	3,902	3,570	4,076	4,372	3,829
Parks and recreation	5,442	4,606	4,318	4,302	3,435
Housing and urban renewal ²	1,693	1,782	1,651	1,748	NA
Sewerage ²	3,583	3,269	2,993	2,876	2,491
Sanitation other than sewerage ²	3,018	2,958	3,157	3,535	3,846

CONTINUED ➡



TABLE 10.3
Full-Time Equivalent Employment of State and Local Governments,
by Function, Virginia: 1975–1986, *CONTINUED*

Function	1986	1984	1982	1980	1975
Financial administration	8,140	7,826	7,381	6,419	5,747
General control	7,859	7,281	6,406	6,394	6,537
Public utilities	4,597	4,399	4,154	3,925	2,372
Liquor stores ¹	1,315	1,334	1,553	1,645	1,566
All other	11,839	10,240	10,404	11,307	12,357

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Public Employment in 1986*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: ¹State government employment only.
²Local government employment only.
 NA—Not available.

TABLE 10.4
State and Local Government Payrolls and Average Earnings of Full-Time
State and Local Government Employees, Virginia: 1975–1986

	1986	1985	1984	1982	1980	1975
Amount of Payroll: ¹						
Total	\$525,309	\$483,541	\$443,970	\$382,837	\$321,382	\$206,536
State Government	188,477	170,913	158,616	144,146	116,644	73,885
Local Governments	336,832	312,628	285,354	238,691	204,738	132,651
Average monthly earnings of full-time state and local government employees: ²						
All employees	1,824	1,721	1,614	1,441	1,207	854
Education employees:						
Total	1,892	1,788	1,678	1,509	1,266	898
Instructional personnel, local schools	2,022	1,886	1,741	1,551	1,333	949
Instructional personnel, institutions of higher education	3,378	3,115	2,779	2,594	2,244	1,615
Other than education employees	1,750	1,650	1,547	1,372	1,143	800

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Public Employment in 1986*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: ¹In thousands of dollars.
²In dollars.

TABLE 10.5
Federal Government Employees for the U.S.,
Virginia, and Surrounding States: 1980-1983

	1983				1982 Total	1981 Total	1980 Total
	Total	Federal Government Employees Per 10,000 Population	Percent of All Wage & Salary Employment	Percent Military			
United States	5,602	239	5.8%	47.3%	5,557	5,498	5,480
Virginia	368	661	14.9	52.8	366	356	341
Delaware	15	250	5.3	63.7	15	15	16
District of Columbia	237	3,803	36.7	11.6	238	251	251
Florida	215	200	5.1	55.9	213	206	207
Georgia	205	358	8.2	57.9	201	183	175
Kentucky	103	277	8.2	60.6	101	96	94
Maryland	214	497	11.6	27.5	212	212	213
North Carolina	170	280	6.4	70.7	173	166	164
South Carolina	135	414	10.0	72.5	131	128	123
Tennessee	95	202	5.2	32.4	98	105	111
West Virginia	22	113	3.7	30.3	22	23	25

SOURCE: U.S. Department of Commerce, Bureau of the Census, *State and Metropolitan Area Data Book, 1986*. U.S. Government Printing Office, Washington, D.C., 1986.

NOTES: Includes civilian and military.
"Total" in thousands.

TABLE 10.6
Federal Civilian Employment for the U.S.,
Virginia, and Surrounding States: 1966-1986

	1986	1984	1982	1978	1974	1970	1966
United States	2,861,690	2,806,277	2,749,271	2,753,524	2,753,691	2,665,093	2,644,759
Virginia	155,760	155,038	152,737	144,075	141,588	138,605	123,390
Delaware	5,323	4,997	4,954	4,990	5,323	4,685	4,208
District of Columbia	206,056	215,926	212,895	227,103	215,071	191,935	201,774
Florida	101,071	90,972	84,783	79,264	77,898	69,152	65,159
Georgia	85,848	80,210	76,928	75,941	74,150	73,592	75,971
Kentucky	32,826	35,128	35,535	34,264	36,167	34,586	34,709
Maryland	129,177	128,753	129,107	130,370	130,527	121,736	109,317
North Carolina	45,179	43,337	42,821	41,840	41,961	37,196	35,641
South Carolina	32,354	32,696	32,519	31,358	30,881	29,229	28,941
Tennessee	57,950	57,089	58,221	68,043	52,931	44,661	39,265
West Virginia	14,971	14,713	14,955	15,723	15,109	13,221	12,310

SOURCE: U.S. Office of Personnel Management, *Biennial Report of Employment by Geographic Area*. U.S. Government Printing Office, Washington, D.C., biennial.

NOTES: These data are tabulated by place of work, rather than by where workers reside.
These data exclude employees in the Defense Intelligence Agency, Central Intelligence Agency, and the National Security Agency.



TABLE 10.7
Federal Civilian Employment and Payroll for the U.S.,
Virginia, and Surrounding States: October, 1985

	Employment			Payroll	
	Federal	State	Local	State	Local
United States	2,806	3,984	9,685	\$6,329	\$15,036
Virginia	155	119	212	171	313
Delaware	5	21	18	29	28
District of Columbia	216	...	52	...	121
Florida	91	139	429	198	657
Georgia	80	98	266	146	341
Kentucky	35	71	114	97	145
Maryland	129	89	160	144	283
North Carolina	43	107	257	172	335
South Carolina	33	74	120	107	147
Tennessee	57	79	171	111	226
West Virginia	15	43	66	53	92

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Public Employment in 1985*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Employment" in thousands. Includes full-time and part-time employees.
 "Federal" data for December, 1984. Excludes employees based outside the U.S.
 "Payroll" in millions of dollars.

TABLE 10.8
Paid Civilian Employment in the Federal Government for
the U.S., Virginia, and Surrounding States: 1984 and 1986

	1986			1984		
	Total	Percent Defense	Rate	Total	Percent Defense	Rate
United States	2,862	33.8%	118.7	2,771	34.3%	117.2
Virginia	156	67.9	269.6	155	68.5	275.0
Delaware	5	40.0	79.0	5	36.1	81.4
District of Columbia	206	8.3	3,290.7	216	8.5	3,456.0
Florida	101	31.7	86.5	91	33.1	82.4
Georgia	86	46.5	140.9	80	46.7	136.9
Kentucky	33	42.4	88.5	35	39.9	94.1
Maryland	129	32.6	289.0	129	32.4	276.6
North Carolina	45	35.6	71.1	43	35.9	69.7
South Carolina	32	62.5	94.8	33	62.1	99.9
Tennessee	58	12.1	120.8	57	12.4	120.6
West Virginia	15	13.3	78.2	15	10.5	76.9

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1988*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Total" in thousands. As of December 31. Excludes members and employees of Congress, Central Intelligence Agency, temporary Christmas help of the U.S. Postal Service, and National Security Agency.
 "Rate" per 10,000 resident population.

TABLE 10.9

Federal Civilian Employment by Major Agency for the U.S., Virginia, and Surrounding States: 1986

	All Agencies	Department of Defense	U.S. Postal Service	Veterans Administration	All Other Agencies
United States	2,861,690	959,514	804,901	243,029	854,246
Virginia	155,760	106,335	16,598	5,881	26,946
Delaware	5,323	1,833	2,069	740	681
District of Columbia	206,056	17,163	9,285	6,280	173,328
Florida	101,071	31,866	39,729	10,931	18,545
Georgia	85,848	39,665	17,695	5,625	22,863
Kentucky	32,826	14,148	8,319	3,542	6,817
Maryland	129,177	42,452	17,249	3,102	66,374
North Carolina	45,179	15,801	14,722	4,961	9,695
South Carolina	32,354	19,756	6,253	2,643	3,702
Tennessee	57,950	7,211	13,615	7,188	29,936
West Virginia	14,971	1,664	4,459	2,965	5,883

SOURCE: U.S. Office of Personnel Management. *Biennial Report of Employment by Geographic Area*. U.S. Government Printing Office, Washington, D.C., biennial.

NOTES: These data are tabulated by place of work, rather than by where workers reside.
These data exclude employees in the Defense Intelligence Agency, Central Intelligence Agency, and the National Security Agency.

TABLE 10.10

Federal Civilian Employment for Virginia's Counties and Cities: 1986

	Total	Department of Defense	U.S. Postal Service	Major Departments	Major Agencies	Veterans Administration	Other
Virginia	155,760	106,335	16,598	19,111	6,517	5,881	1,318
Counties							
Accomack	701	15	89	203	394	...	...
Albemarle	56	...	36	6	...	...	14
Alleghany	4	...	4	...	...	...	...
Amelia	17	...	14	3	...	...	...
Amherst	37	...	35	2	...	...	...
Appomattox	44	...	22	22	...	...	...
Arlington	38,194	28,855	460	6,193	2,566	...	120
Augusta	77	...	56	21	...	...	...
Bath	30	...	13	17	...	...	...
Bedford	83	...	46	37	...	...	...
Bland	15	...	14	1	...	...	...
Botetourt	56	...	36	19	1	...	...
Brunswick	45	...	35	10	...	...	...
Buchanan	55	...	31	24	...	...	...
Buckingham	16	...	14	2	...	...	...
Campbell	65	...	50	15	...	...	...
Caroline	290	244	29	17	...	...	...
Carroll	34	...	30	4	...	...	...
Charles City	16	...	7	9	...	...	...
Charlotte	35	...	30	5	...	...	...
Chesterfield	85	...	79	6	...	...	...
Clarke	97	50	20	1	26	...	...
Craig	23	...	7	16	...	...	...

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TABLE 10.10
Federal Civilian Employment for Virginia's
Counties and Cities: 1986, *CONTINUED*

	Total	Department of Defense	U.S. Postal Service	Major Departments	Major Agencies	Veterans Administration	Other
Culpeper	92	2	56	29	...	5	...
Cumberland	18	...	9	9	...	...	...
Dickenson	39	6	26	7	...	...	...
Dinwiddie	26	...	21	5	...	...	...
Essex	31	...	15	16	...	...	...
Fairfax	14,746	6,719	3,332	4,145	253	...	297
Fauquier	977	878	81	18	...	...	...
Floyd	43	...	21	22	...	...	...
Fluvanna	22	1	21	...	...	...	...
Franklin	75	...	52	23	...	...	...
Frederick	25	...	25	...	...	...	...
Giles	39	1	37	1	...	...	...
Gloucester	53	...	37	16	...	...	...
Goochland	18	...	16	2	...	...	...
Grayson	25	...	25	...	...	...	...
Greene	23	...	10	13	...	...	...
Greensville	1	...	1	...	...	...	...
Halifax	50	1	35	14	...	...	...
Hanover	87	...	73	14	...	...	...
Henrico	431	304	30	97	...	...	...
Henry	68	15	51	2	...	...	...
Highland	9	...	9	...	...	...	...
Isle of Wight	85	...	38	47	...	...	...
James City	22	...	7	15	...	...	...
King and Queen	13	...	13	...	...	...	...
King George	3,166	3,149	15	2	...	...	...
King William	13	1	12	...	...	...	...
Lancaster	31	3	28	...	...	...	...
Lee	46	...	37	9	...	...	...
Loudoun	1,622	5	128	1,108	...	...	381
Louisa	38	...	28	7	...	...	3
Lunenburg	24	...	13	11	...	...	...
Madison	39	...	19	20	...	...	...
Mathews	23	...	23	...	...	...	...
Mecklenburg	107	46	50	11	...	...	...
Middlesex	19	...	19	...	...	...	...
Montgomery	156	18	101	37	...	...	...
Nelson	39	...	38	1	...	...	...
New Kent	14	...	14	...	...	...	...
Northampton	47	1	38	8	...	...	...
Northumberland	29	...	23	6	...	...	...
Nottoway	467	434	30	3	...	...	...
Orange	42	...	32	10	...	...	...
Page	95	...	28	67	...	...	...
Patrick	43	...	34	9	...	...	...
Pittsylvania	78	...	58	20	...	...	...
Powhatan	20	...	20	...	...	...	...
Prince Edward	87	...	48	38	1	...	...
Prince George	4,043	3,747	17	279	...	...	...
Prince William	2,054	1,686	235	119	...	13	1
Pulaski	62	8	44	10	...	...	...
Rappahannock	28	...	15	13	...	...	...
Richmond	33	...	16	17	...	...	...
Roanoke	63	...	32	31	...	...	...
Rockbridge	40	...	25	15	...	...	...
Rockingham	130	...	73	57	...	...	...
Russell	74	1	36	37	...	...	...

CONTINUED ➡

TABLE 10.10
Federal Civilian Employment for Virginia's
Counties and Cities: 1986, *CONTINUED*

	Total	Department of Defense	U.S. Postal Service	Major Departments	Major Agencies	Veterans Administration	Other
Scott	61	15	35	11	...	...	...
Shenandoah	105	...	58	47	...	...	...
Smyth	99	8	48	43	...	...	...
Southampton	38	...	27	11	...	...	...
Spotsylvania	14	...	14	...	...	...	...
Stafford	41	1	24	16	...	...	...
Surry	12	...	12	...	...	...	...
Sussex	33	...	26	7	...	...	...
Tazewell	132	3	70	59	...	...	...
Warren	110	...	42	31	...	...	37
Washington	66	2	51	11	1	...	1
Westmoreland	45	...	27	18	...	...	...
Wise	131	2	51	75	3	...	...
Wythe	101	...	45	55	...	...	1
York	2,118	1,933	30	155	...	...	...
Cities							
Alexandria	11,809	10,065	611	918	94	27	94
Bedford	55	1	23	31	...	...	...
Bristol	269	1	185	81	1	...	1
Buena Vista	31	...	16	15	...	...	...
Charlottesville	1,065	559	352	90	28	...	36
Chesapeake	259	92	159	8	...	...	...
Clifton Forge	14	1	13	...	...	...	...
Colonial Heights	30	...	30	...	...	...	...
Covington	71	8	31	32	...	...	...
Danville	176	15	124	36	...	...	1
Emporia	31	1	19	11	...	...	...
Fairfax	358	50	216	91	...	...	1
Falls Church	2,087	1,631	212	144	71	...	29
Franklin	25	1	16	8	...	...	...
Fredericksburg	182	5	110	66	...	...	1
Galax	37	...	23	14	...	...	...
Hampton	8,604	3,890	269	52	2,966	1,414	13
Harrisonburg	174	2	64	108	...	...	...
Hopewell	46	...	42	4	...	...	...
Lexington	40	6	25	9	...	...	...
Lynchburg	403	45	294	61	1	...	2
Manassas	306	106	125	75	...	...	...
Manassas Park	NE	NE	NE	NE	NE	NE	NE
Martinsville	76	3	53	20	...	...	...
Newport News	4,019	3,577	247	193	...	...	2
Norfolk	20,135	17,391	1,675	943	60	1	65
Norton	145	...	12	133	...	...	...
Petersburg	205	7	124	71	...	1	2
Poquoson	NE	NE	NE	NE	NE	NE	NE
Portsmouth	14,490	14,105	151	230	4	...	...
Radford	196	162	34	...	...	...	...
Richmond	10,441	3,802	2,533	1,476	18	2,516	96
Roanoke	1,423	20	767	358	28	230	20
Salem	1,744	17	54	1	...	1,672	...
South Boston	36	1	21	14	...	...	...
Staunton	121	8	67	46	...	...	...
Suffolk	153	2	77	73	1	...	...
Virginia Beach	2,829	2,195	500	37	...	...	97
Waynesboro	49	3	43	3	...	...	...
Williamsburg	294	197	87	8	...	...	2
Winchester	361	212	107	39	...	2	1

CONTINUED ➡



TABLE 10.10
Federal Civilian Employment for Virginia's
Counties and Cities: 1986, *CONTINUED*

	Total	Department of Defense	U.S. Postal Service	Major Departments	Major Agencies	Veterans Administration	Other
MSAs							
Bristol (Va. portion)	396	18	271	103	2	...	2
Charlottesville	1,166	560	419	109	28	...	50
Danville	254	15	182	56	...	...	1
Leitchburg	505	45	379	78	1	...	2
Norfolk	52,976	43,382	3,239	1,730	3,031	1,415	179
Northern Virginia	71,217	49,118	5,343	12,809	2,984	40	923
Richmond	15,462	7,860	3,006	1,963	18	2,517	98
Roanoke	3,286	37	889	409	29	1,902	20
Planning Districts							
LENOWISCO	383	17	135	228	3	...	...
Cumberland Plateau	300	10	163	127	...	...	...
Mount Rogers	646	11	421	209	2	...	3
New River Valley	496	189	237	70	...	...	...
Fifth	3,398	46	944	457	29	1,902	20
Central Shenandoah	701	19	391	291	...	...	...
Lord Fairfax	793	262	280	185	26	2	38
Northern Virginia	71,176	49,117	5,319	12,793	2,984	40	923
Rappahannock-Rapidan	1,178	880	203	90	...	5	...
Thomas Jefferson	1,243	560	485	117	28	...	53
Central Virginia	687	46	470	168	1	...	2
West Piedmont	516	33	372	110	...	...	1
Southside	238	48	141	49	...	...	...
Piedmont	664	434	158	71	1	...	...
Richmond Regional	11,112	4,106	2,772	1,604	18	2,516	96
RADCO	3,693	3,399	192	101	...	...	1
Northern Neck	138	3	94	41	...	...	...
Middle Peninsula	152	1	119	32	...	...	...
Crater	4,427	3,755	292	377	...	1	2
Southeastern Virginia	38,014	33,786	2,643	1,357	65	1	162
Peninsula	15,057	9,597	640	423	2,966	1,414	17
Accomack-Norhampton	748	16	127	211	394	...	...

SOURCE: U.S. Office of Personnel Management. *Biennial Report of Employment by Geographic Area*. U.S. Government Printing Office, Washington, D.C., biennial.

NOTES: These data are tabulated by place of work, rather than by where workers reside. These data exclude employees of the Central Intelligence Agency, National Security Agency, Defense Intelligence Agency, Commissioned officers serving in the Environmental Protection Agency, Department of Commerce, and Department of Health and Human Services, nonappropriated fund employees in Defense Department post exchanges, temporary Christmas postal assistants of the U.S. Postal Service, U.S. Postal Service employees not covered under Civil Service Retirement, Federal Employees Government Life Insurance, or health insurance, and seasonal and on-call employees.

"Major Departments" include Agriculture, Commerce, Education, Energy, Health and Human Services, Housing and Human Development, Interior, Justice, Labor, State, Treasury, and Transportation.

"Major Agencies" include the Environmental Protection Agency, General Services Administration, National Aeronautics and Space Administration, and Tennessee Valley Authority.

NE—No entry in source document.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 10.11
Department of Defense Estimated Payroll for the U.S.,
Virginia, and Surrounding States: Fiscal Year 1987

	Payroll				
	Civilian	Military Active Duty	Reserve & National Guard	Retired Military	Total Compensation
United States	\$26,328,453	\$34,002,328	\$5,467,774	\$18,658,434	\$84,456,989
Virginia	3,175,271	4,041,168	171,096	1,375,415	8,762,950
Delaware	46,750	85,650	23,349	54,173	209,922
District of Columbia	535,441	388,437	64,701	47,071	1,035,650
Florida	884,550	2,738,207	132,848	1,879,264	5,634,869
Georgia	1,006,421	1,238,798	288,021	682,457	3,215,697
Kentucky	353,653	729,101	107,754	197,533	1,388,041
Maryland	1,270,944	832,467	132,220	501,349	2,736,980
North Carolina	397,813	1,912,695	112,644	605,644	3,028,487
South Carolina	532,968	1,156,622	149,856	472,887	2,312,333
Tennessee	188,153	200,822	102,938	362,631	854,544
West Virginia	46,777	11,575	32,427	82,432	173,211

SOURCE: U.S. Department of Defense, Directorate for Information Operations and Reports, *Atlas/State Data Abstract for the United States, Fiscal Year 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In thousands of dollars.

TABLE 10.12
Military Personnel and Expenditures in Virginia: Fiscal Year 1987

Personnel/ Expenditures	Total	Army	Navy & Marine Corps	Air Force	Other Defense Activities
Total Personnel	254,097	93,483	122,796	23,760	14,058
Active Duty Military	99,950	34,184	51,029	14,737	...
Civilian	108,638	31,050	59,130	4,400	14,058
Reserve and National Guard	45,509	28,249	12,637	4,623	...
Total Expenditures, FY87 ¹	\$16,570,432	\$3,900,566	\$10,075,394	\$1,397,305	\$1,197,167
Total Payroll: ¹					
Outlays	8,762,950	2,606,740	4,892,719	814,472	449,019
Active Duty Military Pay	4,041,168	1,103,150	2,531,974	406,044	...
Civilian Pay	3,175,271	866,984	1,738,483	120,785	449,019
Reserve and National Guard Pay	171,096	125,353	31,241	14,502	...
Retired Military Pay	1,375,415	511,253	591,021	273,141	...
Prime Contracts over \$25,000: ¹					
FY87	\$7,807,482	\$1,293,826	\$5,182,675	\$582,833	\$748,148
FY86	5,402,026	1,191,640	2,787,846	542,147	880,393
FY85	6,166,768	1,129,060	3,747,524	499,174	791,010
FY84	4,604,833	854,152	2,712,285	391,567	646,829
FY83	7,071,810	582,460	5,580,779	276,892	631,679
FY82	3,892,574	565,892	2,558,573	179,967	588,142

SOURCE: U.S. Department of Defense, Directorate for Information Operations and Reports, *Atlas/State Data Abstract for the United States, Fiscal Year 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: ¹In thousands of dollars.



TABLE 10.13
Major Military Installations in Virginia: 1986

Service Branch/Name	Location
Department of the Army	
Arlington Hall Station	Arlington County
Cameron Station	Alexandria City
Defense General Supply Center	Richmond City
Fort A.P. Hill	Spotsylvania County
Fort Belvoir	Fairfax County
Fort Eustis	Newport News City
Fort Lee	Prince George County
Fort Monroe	Hampton City
Fort Myer	Arlington County
Fort Pickett	Nottoway County
Fort Story	Virginia Beach City
Radford Army Ammunition Plant	Radford City
U.S.A. CIVPERCEN	Alexandria City
U.S.A. MILPERCEN	Alexandria City
Vint Hills Farms Station	Fauquier County
Department of the Navy	
Commander in Chief, U.S. Atlantic Fleet	Norfolk City
Fleet Accounting and Disbursing Center, Atlantic	Norfolk City
Fleet Combat Training Center, Atlantic (Dam Neck)	Virginia Beach City
Department of the Navy and Marine Corps	
Fleet Training Center	Norfolk City
Little Creek Naval Amphibious Base	Norfolk City
Marine Corps Air Facility (Quantico)	Prince William County
Marine Corps Camp Elmore	Norfolk City
Marine Corps Development and Education Command (Quantico)	Prince William County
Marine Corps Headquarters	Arlington County
Naval Air Rework Facility	Norfolk City
Naval Air Station	Norfolk City
Naval Air Systems Command Headquarters	Arlington County
Naval Communication Area Master Station, Atlantic	Norfolk City
Naval Facilities Engineering Command, Atlantic Division	Norfolk City
Naval Facilities Engineering Command Headquarters	Alexandria City
Naval Guided Missile School (Dam Neck)	Virginia Beach City
Naval Hospital	Portsmouth City
Naval Military Personnel Command	Arlington County
Naval Sea Systems Command Headquarters	Arlington County
Naval Security Group Activity, Northwest	Chesapeake City
Naval Supply Center, Cheatham Annex	Williamsburg City
Naval Supply Systems Command Headquarters	Arlington County
Naval Surface Weapons Center (Dahlgren)	King George County
Naval Weapons Station (Yorktown)	York County
Navy Accounting and Finance Center	Arlington County
Navy Public Works Center	Norfolk City
Norfolk Naval Base	Norfolk City
Norfolk Naval Shipyard	Portsmouth City
Norfolk Naval Station	Norfolk City
Norfolk Naval Supply Center	Norfolk City
Oceana Naval Air Station	Virginia Beach City
Space and Naval Warfare Systems Command	Arlington County
Department of the Air Force	
Headquarters Tactical Air Command Langley Air Force Base	Hampton City
Langley Air Force Base	Hampton City

SOURCE: U.S. Department of Defense, Directorate for Information Operations and Reports, *Atlas/State Data Abstract for the United States, Fiscal Year 1986*. U.S. Government Printing Office, Washington, D.C., annual.

TABLE 10.14
County Government Employment and Payrolls for
Counties Having 100,000 Population or More, Virginia: 1986

Item	Arlington	Chester- field	Fairfax	Henrico	Prince William
Employment:					
Total	5,622	7,178	27,885	6,574	6,884
Full-time	4,271	6,288	21,208	5,140	5,266
Full-time equivalent	4,927	6,875	25,000	5,843	6,031
Employment by function: ¹					
Education:					
Total	2,336	4,948	15,727	3,582	4,176
Instructional staff only	1,562	3,759	10,241	2,473	2,801
Highways	236	5	73	197	...
Public welfare	122	283	388	109	110
Health	138	110	739	115	113
Police protection:					
Total	378	315	1,111	443	336
Police officers only	262	239	762	303	276
Correction	63	88	336	111	124
Parks and recreation	189	67	1,058	135	142
Financial administration and general control	339	345	1,067	353	294
All other functions	1,126	714	4,501	798	736
October payrolls: ²					
Education:					
Total	\$5,384	\$6,921	\$33,642	\$5,318	\$8,252
Instructional staff only	4,057	5,706	25,216	5,058	6,065
Highways	484	10	175	344	...
Public welfare	277	334	769	204	223
Health	298	190	1,541	232	255
Police protection:					
Total	1,055	622	2,900	1,089	869
Police officers only	726	499	2,190	862	757
Correction	158	147	847	174	268
Parks and recreation	340	89	1,184	194	210
Financial administration and general control	791	664	2,347	731	646
All other functions	2,746	1,338	10,037	1,599	1,535

SOURCE: U.S. Department of Commerce, Bureau of the Census. *County Government Employment in 1986*. U.S. Government Printing Office, Washington D.C., annual.

NOTES: ¹Full-time equivalent employment.

²In thousands of dollars.



TABLE 10.15A
City Government Employment and Payrolls for Cities
Having 50,000 Population or More, Virginia: 1986

Item	Alexandria	Chesapeake	Hampton	Lynchburg	Newport News
Employment:					
Total	4,501	5,349	4,844	2,446	6,239
Full-time	3,925	4,802	3,570	2,109	5,505
Full-time equivalent	4,182	5,090	4,066	2,256	5,738
Employment by function:¹					
Education:					
Total	1,600	3,016	2,311	1,098	3,132
Instructional staff only	1,050	1,964	1,549	790	1,984
Highways	81	299	101	51	89
Hospitals	...	...	...	...	...
Police protection:					
Total	341	313	355	155	300
Police officers only	226	257	273	133	247
Fire protection:					
Total	198	265	237	197	325
Firefighters only	148	260	206	131	308
Sanitation, other than sewage	45	96	112	37	57
Parks and recreation	143	87	218	75	186
Financial administration and general control	238	200	174	129	236
Utilities:					
Total	3	98	...	72	308
Water supply only	...	98	...	72	308
All other functions	1,533	716	558	442	1,105
October payrolls:²					
Education:					
Total	\$3,473	\$5,225	\$4,432	\$2,024	\$5,164
Instructional staff only	2,386	4,062	3,589	1,573	4,008
Highways	131	469	176	61	153
Hospitals	...	...	...	...	...
Police protection:					
Total	901	585	659	290	642
Police officers only	664	518	550	263	572
Fire protection:					
Total	607	483	479	353	652
Firefighters only	488	481	441	252	622
Sanitation, other than sewage	84	159	185	50	111
Parks and recreation	169	128	283	104	246
Financial administration and general control	554	386	307	241	435
Utilities:					
Total	7	162	...	100	547
Water supply only	...	162	...	100	547
All other functions	2,915	1,124	924	657	1,915

SOURCE: U.S. Department of Commerce, Bureau of the Census. *City Employment in 1986*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: ¹Full-time equivalent employment.
²In thousands of dollars.

TABLE 10.15B
City Government Employment and Payrolls for Cities
Having 50,000 Population or More, Virginia: 1986, Continued

Item	Norfolk	Portsmouth	Richmond	Roanoke	Virginia Beach
Employment:					
Total	11,164	5,019	9,673	4,178	11,408
Full-time	9,616	4,524	9,428	3,444	10,288
Full-time equivalent	10,381	4,730	9,512	3,928	10,690
Employment by Function: ¹					
Education:					
Total	4,809	2,627	4,075	1,907	6,770
Instructional staff only	3,156	1,649	2,632	1,362	4,533
Highways	296	66	257	61	384
Hospitals	385	...	...	...	...
Police Protection:					
Total	746	280	859	296	683
Police officers only	623	230	668	254	494
Fire protection:					
Total	440	228	535	287	320
Firefighters only	422	222	527	284	295
Sanitation, other than sewage	217	83	206	123	211
Parks and recreation	563	174	333	170	306
Financial administration and general control	485	229	390	277	407
Utilities:					
Total	257	111	451	29	122
Water supply only	257	111	234	29	122
All other functions	2,183	932	2,406	778	1,507
October payrolls: ²					
Education:					
Total	\$9,640	\$3,692	\$8,604	\$3,354	\$11,321
Instructional staff only	7,859	2,874	6,785	2,743	9,219
Highways	472	111	463	80	607
Hospitals	468	...	...	...	...
Police Protection:					
Total	1,482	578	1,732	554	1,387
Police officers only	1,347	504	1,349	502	1,011
Fire protection:					
Total	899	507	1,188	541	722
Firefighters only	871	499	1,168	537	669
Sanitation, other than sewage	345	142	320	160	387
Parks and recreation	759	250	494	221	353
Financial administration and general control	998	456	846	579	782
Utilities:					
Total	400	190	802	49	237
Water supply only	400	190	416	49	237
All other functions	3,419	1,476	4,095	1,186	2,331

SOURCE: U.S. Department of Commerce, Bureau of the Census. *City Employment in 1986*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: ¹Full-time equivalent employment.

²In thousands of dollars.



TABLE 10.16A
Local Government Employees by Type and
Function for Virginia's Counties and Cities: 1982

	Full-Time Equivalent Employment				
	Employees		Total	Educational Services	
	Total	Full-time Only		Total	Instructional Only
Virginia	198,630	160,877	173,724	106,499	73,807
Counties					
Accomack	1,027	712	806	498	369
Albemarle	1,492	1,206	1,325	971	743
Alleghany	606	520	533	407	280
Amelia	274	188	207	175	125
Amherst	787	574	657	524	362
Appomattox	461	333	376	296	189
Arlington	4,975	3,802	4,136	1,732	1,036
Augusta	1,485	1,124	1,229	984	773
Bath	201	182	190	161	143
Bedford	1,300	797	950	785	576
Bland	193	167	171	146	94
Botetourt	616	583	593	487	318
Brunswick	569	416	476	358	268
Buchanan	1,341	1,097	1,266	1,068	730
Buckingham	386	320	327	281	177
Campbell	1,233	873	975	735	531
Caroline	544	424	459	360	248
Carroll	773	594	642	553	371
Charles City	240	208	223	173	121
Charlotte	427	329	353	267	168
Chesterfield	5,311	4,320	4,726	3,245	2,416
Clarke	278	231	242	174	129
Craig	130	106	109	84	60
Culpeper	706	560	609	452	333
Cumberland	261	185	204	174	137
Dickenson	730	577	622	469	316
Dinwiddie	698	486	547	457	342
Essex	547	227	248	186	130
Fairfax	24,848	19,630	22,773	15,174	9,648
Fauquier	1,025	845	900	682	502
Floyd	338	276	284	239	143
Fluvanna	343	257	284	241	181
Franklin	1,106	696	834	666	463
Fredricks	1,125	866	959	737	497
Giles	586	522	538	362	276
Gloucester	669	541	567	448	277
Goochland	384	306	320	279	178
Grayson	444	392	399	297	178
Greene	272	250	254	211	148
Greensville	455	365	392	333	240
Halifax	1,099	843	919	772	513
Hanover	1,791	1,183	1,352	997	749
Henrico	6,586	5,159	5,488	3,234	2,332
Henry	1,682	1,152	1,427	1,178	833
Highland	101	87	93	68	47
Isle of Wight	648	478	522	407	292
James City	297	283	287	...	...
King and Queen	152	135	143	130	92
King George	299	269	276	224	145
King William	405	332	343	275	173

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TABLE 10.16A
Local Government Employees by Type and Function
for Virginia's Counties and Cities: 1982, *CONTINUED*

	Full-Time Equivalent Employment				
	Employees		Total	Educational Services	
	Total	Full-time Only		Total	Instructional Only
Lancaster	287	264	269	177	105
Lee	906	703	783	633	467
Loudoun	2,510	1,773	1,984	1,472	1,036
Louisa	532	418	465	396	287
Lunenburg	774	315	344	265	185
Madison	344	236	278	226	163
Mathews	238	201	209	165	111
Mecklenburg	1,105	743	859	621	439
Middlesex	274	222	232	152	98
Montgomery	1,651	1,172	1,298	819	595
Nelson	444	311	346	303	204
New Kent	324	258	274	222	139
Northampton	714	613	642	385	246
Northumberland	263	216	228	172	119
Nottoway	506	423	449	302	247
Orange	616	479	521	429	314
Page	658	483	517	358	270
Patrick	496	366	410	332	244
Pittsylvania	1,711	1,339	1,475	1,232	962
Powhatan	365	303	313	265	171
Prince Edward	534	399	438	278	177
Prince George	772	539	613	533	372
Prince William	6,086	4,554	5,025	3,516	2,416
Pulaski	1,197	895	994	698	533
Rappahannock	195	150	162	124	84
Richmond	196	150	167	124	95
Roanoke	3,207	2,405	2,619	1,984	1,541
Rockbridge	583	392	456	338	231
Rockingham	1,441	1,046	1,144	874	668
Russell	974	773	851	662	467
Scott	728	630	655	527	365
Shenandoah	889	674	738	550	422
Smyth	919	764	812	548	445
Southampton	553	439	479	352	243
Spotsylvania	1,151	847	958	771	569
Stafford	1,600	1,062	1,222	980	787
Surry	309	228	256	188	132
Sussex	412	371	381	265	176
Tazewell	1,744	1,377	1,454	1,107	740
Warren	674	591	616	419	277
Washington	1,488	960	1,117	840	595
Westmoreland	450	383	392	259	179
Wise	1,541	1,136	1,242	886	682
Wythe	851	620	698	495	366
York	1,357	1,048	1,198	830	542
Cities					
Alexandria	3,585	3,096	3,225	1,385	862
Bedford	133	110	115	...	...
Bristol	854	732	758	375	255
Buena Vista	223	198	206	137	101
Charlottesville	1,627	1,483	1,524	728	544
Chesapeake	5,732	4,330	4,726	2,411	1,712
Clifton Forge	77	67	70	...	...

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TABLE 10.16A
Local Government Employees by Type and Function
for Virginia's Counties and Cities: 1982, *CONTINUED*

	Employees		Full-Time Equivalent Employment		
	Total	Full-time Only	Total	Educational Services	
				Total	Instructional Only
Colonial Heights	593	493	514	375	278
Covington	292	246	253	156	124
Danville	1,963	1,726	1,810	817	605
Emporia	121	80	92	...	...
Fairfax	295	270	276	4	...
Falls Church	505	339	378	135	79
Franklin	375	307	323	188	146
Fredericksburg	588	465	491	206	169
Galax	295	246	255	151	109
Hampton	4,865	3,675	3,913	2,289	1,665
Harrisonburg	641	517	553	266	205
Hopewell	1,493	1,260	1,331	488	336
Lexington	170	137	143	57	42
Lynchburg	2,463	2,225	2,301	1,179	801
Manassas	592	498	534	359	284
Manassas Park	283	213	233	156	115
Martinsville	783	676	707	368	260
Newport News	5,854	4,776	5,140	2,864	1,940
Norfolk	9,919	9,292	9,477	3,962	2,769
Norton	211	178	181	99	75
Petersburg	3,191	2,531	2,789	783	480
Poquoson	323	232	256	187	149
Portsmouth	4,501	3,917	4,097	2,100	1,340
Radford	406	316	339	158	124
Richmond	10,162	10,056	10,090	4,410	2,974
Roanoke	3,746	3,340	3,485	1,490	1,069
Salem	364	359	359	8	3
South Boston	215	183	190	83	62
Staunton	631	549	575	320	255
Suffolk	1,600	1,254	1,406	935	572
Virginia Beach	9,832	9,358	9,507	5,291	3,456
Waynesboro	605	460	494	313	246
Williamsburg	921	801	819	668	428
Winchester	786	599	651	376	275
MSAs					
Bristol (Va. portion)	3,070	2,322	2,530	1,742	1,215
Charlottesville	3,734	3,196	3,387	2,151	1,616
Danville	3,674	3,065	3,285	2,049	1,567
Lynchburg	4,483	3,672	3,933	2,438	1,694
Norfolk	45,870	39,507	41,393	21,985	14,850
Northern Virginia	45,279	35,237	39,786	24,913	16,263
Richmond	31,910	27,102	28,580	15,452	10,888
Roanoke	7,933	6,687	7,056	3,970	2,931
Planning Districts					
LENOWISCO	3,386	2,647	2,861	2,145	1,589
Cumberland Plateau	4,789	3,824	4,193	3,306	2,253
Mount Rogers	5,817	4,475	4,852	3,405	2,413
New River Valley	4,178	3,181	3,453	2,276	1,671
Fifth	9,038	7,626	8,021	4,617	3,395
Central Shenandoah	6,081	4,692	5,083	3,518	2,711
Lord Fairfax	4,410	3,444	3,723	2,614	1,670
Northern Virginia	43,679	34,175	38,564	23,933	15,476

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TABLE 10.16A
Local Government Employees by Type and Function
for Virginia's Counties and Cities: 1982, *CONTINUED*

	Employees		Full-Time Equivalent Employment		
			Educational Services		
	Total	Full-time Only	Total	Total	Instructional Only
Rappahannock-Rapidan	2,886	2,270	2,470	1,913	1,396
Thomas Jefferson	4,710	3,925	4,198	2,850	2,107
Central Virginia	6,377	4,912	5,374	3,519	2,459
West Piedmont	7,741	5,955	6,663	4,593	3,367
Southside	2,988	2,185	2,444	1,834	1,282
Piedmont	3,162	2,159	2,322	1,742	1,216
Richmond Regional	25,163	21,793	22,786	12,816	9,080
RADCO	4,182	3,067	3,406	2,541	1,918
Northern Neck	1,196	1,013	1,058	732	498
Middle Peninsula	2,285	1,658	1,742	1,356	881
Crater	8,044	6,361	6,915	3,422	2,356
Southeastern Virginia	33,160	29,375	30,537	15,646	10,530
Peninsula	13,617	10,815	11,613	6,838	4,724
Accomack-Norhampton	1,741	1,325	1,448	883	615

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Governments. *Compendium of Public Employment*. U.S. Government Printing Office, Washington, D.C., 1984.

NOTES: A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
 A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 10.16B
Local Government Employees by Type and Function
for Virginia's Counties and Cities: 1982, *Continued*

	Full-Time Equivalent Employment					
	Social Services & Income Maintenance			Public Safety		
	Public Welfare	Hospitals	Health	Transportation: Highways	Police	Fire
Virginia	5,755	2,716	1,741	3,374	10,515	5,384
Counties						
Accomack	141	...	12	9	33	1
Albemarle	45	...	...	...	47	1
Alleghany	25	...	12	3	15	...
Amelia	8	...	...	...	8	...
Amherst	18	...	1	2	34	1
Appomattox	14	...	...	2	14	1
Arlington	137	...	105	213	373	240
Augusta	55	...	1	1	56	1
Bath	5	...	...	...	6	...
Bedford	67	...	...	...	27	...

CONTINUED ➡



TABLE 10.16B
Local Government Employees by Type and Function
for Virginia's Counties and Cities: 1982, *CONTINUED*

	Full-Time Equivalent Employment					
	Social Services & Income Maintenance			Public Safety		
	Public Welfare	Hospitals	Health	Transportation: Highways	Police	Fire
Bland	5	...	...	...	5	...
Botetourt	17	...	...	1	27	...
Brunswick	23	...	...	7	24	...
Buchanan	41	...	...	4	34	1
Buckingham	14	...	...	...	12	...
Campbell	42	...	...	8	42	4
Caroline	16	...	...	1	16	...
Carroll	...	...	...	3	31	1
Charles City	16	...	1	...	10	...
Charlotte	16	...	...	3	17	...
Chesterfield	254	...	70	1	217	175
Clarke	...	...	...	3	20	...
Craig	5	...	...	...	5	...
Culpeper	...	...	...	11	43	1
Cumberland	9	...	1	...	8	...
Dickenson	24	...	6	3	28	1
Dinwiddie	28	...	...	1	21	...
Essex	7	...	...	3	13	1
Fairfax	370	...	514	74	1,115	957
Fauquier	17	...	...	19	63	1
Floyd	5	...	...	1	8	...
Fluvanna	14	...	...	...	12	...
Franklin	24	...	...	11	50	...
Frederick	25	...	...	3	34	2
Giles	22	...	8	12	42	1
Gloucester	19	...	...	...	23	...
Goochland	12	...	...	...	15	1
Grayson	20	...	...	3	29	1
Greene	6	...	...	...	11	...
Greensville	...	...	...	1	19	...
Halifax	45	...	...	2	32	...
Hanover	29	...	30	15	101	4
Henrico	66	...	77	128	446	235
Henry	45	...	29	1	86	1
Highland	...	...	...	...	6	...
Isle of Wight	...	...	...	8	29	3
James City	44	...	...	...	32	62
King and Queen	...	...	...	...	4	...
King George	...	...	...	...	17	...
King William	7	...	...	...	19	1
Lancaster	18	...	...	2	17	...
Lee	47	...	...	2	36	1
Loudoun	17	...	40	16	86	25
Louisa	...	...	1	1	28	...
Lunenburg	12	...	1	4	20	...
Madison	10	...	...	...	13	...
Mathews	9	...	...	...	11	...
Mecklenburg	26	...	...	27	56	...
Middlesex	9	...	...	1	14	...
Montgomery	45	...	...	32	108	2
Nelson	9	...	...	...	15	...
New Kent	9	...	...	...	12	...
Northampton	35	...	...	134	24	...

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TABLE 10.16B

Local Government Employees by Type and Function
for Virginia's Counties and Cities: 1982, *CONTINUED*

	Full-Time Equivalent Employment					
	Social Services & Income Maintenance			Transportation: Highways	Public Safety	
	Public Welfare	Hospitals	Health		Police	Fire
Northumberland	10	...	...	...	13	...
Nottoway	17	...	...	13	31	2
Orange	...	...	...	5	32	...
Page	19	...	...	12	34	...
Patrick	16	...	...	2	20	...
Pittsylvania	48	...	...	7	61	...
Powhatan	8	...	...	...	15	...
Prince Edward	20	...	1	18	32	1
Prince George	11	...	...	...	30	...
Prince William	80	...	68	1	271	107
Pulaski	...	...	...	31	74	13
Rappahannock	7	...	...	...	6	...
Richmond	...	...	...	1	10	...
Roanoke	51	...	...	19	124	25
Rockbridge	25	...	...	1	20	...
Rockingham	28	...	...	12	58	12
Russell	34	...	1	8	42	3
Scott	...	...	...	4	33	1
Shenandoah	20	...	...	12	45	5
Smyth	41	...	...	35	67	...
Southampton	31	...	1	5	23	2
Spotsylvania	27	...	...	...	27	4
Stafford	26	...	...	...	33	8
Surry	14	...	...	1	14	...
Sussex	25	...	...	3	28	1
Tazewell	...	...	2	21	75	19
Warren	16	...	...	15	52	4
Washington	43	...	...	13	59	25
Westmoreland	15	...	...	4	32	...
Wise	48	...	...	23	74	9
Wythe	31	...	...	18	44	4
York	46	...	44	...	27	49
Cities						
Alexandria	106	...	157	105	305	211
Bedford	...	...	...	14	25	...
Bristol	23	...	...	22	85	42
Buena Vista	...	...	...	6	19	...
Charlottesville	79	...	...	54	116	68
Chesapeake	156	621	43	264	267	208
Clifton Forge	...	...	...	4	18	3
Colonial Heights	2	...	...	14	33	3
Covington	...	...	...	14	20	4
Danville	49	...	1	88	112	91
Emporia	...	...	...	18	27	2
Fairfax	...	...	...	25	65	40
Falls Church	1	...	...	21	41	...
Franklin	12	...	...	18	25	5
Fredericksburg	18	...	...	35	67	17
Galax	6	...	...	31	25	...
Hampton	148	...	50	100	263	185
Harrisonburg	15	...	...	37	43	22

CONTINUED ➡



TABLE 10.16B
Local Government Employees by Type and Function
for Virginia's Counties and Cities: 1982, *CONTINUED*

	Full-Time Equivalent Employment					
	Social Services & Income Maintenance			Transportation: Highways	Public Safety	
	Public Welfare	Hospitals	Health		Police	Fire
Hopewell	29	500	...	31	65	36
Lexington	...	...	...	21	19	...
Lynchburg	132	...	1	55	173	186
Manassas	14	...	2	16	41	3
Manassas Park	9	...	12	7	18	4
Martinsville	28	...	...	27	61	26
Newport News	188	...	4	71	276	260
Norfolk	493	401	92	250	692	441
Norton	7	...	...	9	17	1
Petersburg	111	1,194	1	41	121	105
Poquoson	...	...	...	3	11	11
Portsmouth	160	...	117	50	272	208
Radford	8	...	10	15	25	13
Richmond	731	...	110	363	577	481
Roanoke	196	...	...	71	262	239
Salem	...	...	...	51	74	44
South Boston	...	...	...	21	19	9
Staunton	...	...	...	16	59	16
Suffolk	8	...	1	6	80	58
Virginia Beach	201	...	114	274	620	269
Waynesboro	...	...	...	24	45	11
Williamsburg	...	...	...	10	46	23
Winchester	20	...	...	12	61	19
MSAs						
Bristol (Va. portion)	66	...	...	39	177	68
Charlottesville	144	...	...	54	186	69
Danville	97	...	1	95	173	91
Lynchburg	192	...	2	65	249	191
Norfolk	1,463	1,022	465	1,028	2,609	1,774
Northern Virginia	760	...	898	478	2,348	1,595
Richmond	1,306	1,694	289	594	1,663	1,040
Roanoke	264	...	...	142	487	308
Planning Districts						
LENOWISCO	102	...	...	38	160	12
Cumberland Plateau	99	...	9	36	179	24
Mount Rogers	169	...	...	125	345	73
New River Valley	80	...	18	91	257	29
Fifth	294	...	12	163	545	315
Central Shenandoah	128	...	1	118	331	62
Lord Fairfax	100	...	...	57	246	30
Northern Virginia	734	...	898	478	2,315	1,587
Rappahannock-Rapidan	34	...	...	35	157	2
Thomas Jefferson	153	...	1	55	229	69
Central Virginia	273	...	2	81	315	192
West Piedmont	210	...	30	136	390	118
Southside	94	...	...	57	131	9
Piedmont	96	...	3	38	128	3
Richmond Regional	1,125	...	288	507	1,393	896

CONTINUED ➡

TABLE 10.16B
Local Government Employees by Type and Function
for Virginia's Counties and Cities: 1982, *CONTINUED*

	Full-Time Equivalent Employment					
	Social Services & Income Maintenance			Transportation: Highways	Public Safety	
	Public Welfare	Hospitals	Health		Police	Fire
RADCO	87	...	...	36	160	29
Northern Neck	43	...	...	7	72	...
Middle Peninsula	51	...	...	4	84	2
Crater	220	1,694	1	110	358	147
Southeastern Virginia	1,061	1,022	368	875	2,008	1,194
Peninsula	426	...	98	184	655	590
Accomack-Norhampton	176	...	12	143	57	1

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Governments. *Compendium of Public Employment*. U.S. Government Printing Office, Washington, D.C., 1984.

NOTES: A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
 A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 10.16C
Local Government Employees by Type and Function
for Virginia's Counties and Cities: 1982, Continued

	Full-Time Equivalent Employment			
	Environment & Housing			
	Parks & Recreation	Housing & Community Development	Sewerage	Sanitation Other Than Sewerage
Virginia	3,941	1,787	3,061	3,156
Counties				
Accomack	4	...	...	9
Albemarle	9	...	22	...
Alleghany	2	...	6	10
Amelia	...	...	1	...
Amherst	4	...	1	1
Appomattox	1	...	1	4
Arlington	208	30	141	101
Augusta	...	...	1	1
Bath	...	...	...	...
Bedford	...	...	...	...
Bland	...	...	...	...
Botetourt	1	...	...	5
Brunswick	...	...	1	7
Buchanan	...	...	3	16
Buckingham	...	...	...	...
Campbell	17	...	4	11
Caroline	1	...	1	5

CONTINUED ➡



TABLE 10.16C
Local Government Employees by Type and Function
for Virginia's Counties and Cities: 1982, *CONTINUED*

	Full-Time Equivalent Employment			
	Environment & Housing			
	Parks & Recreation	Housing & Community Development	Sewerage	Sanitation Other Than Sewerage
Carroll	2	...	2	2
Charles City	1	...	...	1
Charlotte	...	...	3	6
Chesterfield	48	...	78	15
Clarke	...	...	1	3
Craig	...	...	...	...
Culpeper	1	...	17	6
Cumberland	...	...	...	1
Dickenson	14	...	1	16
Dinwiddie	...	...	...	5
Essex	2	...	2	3
Fairfax	848	102	470	181
Fauquier	7	...	3	9
Floyd	...	...	...	4
Fluvanna	...	1	...	...
Franklin	3	...	3	13
Frederick	19	...	2	9
Giles	5	...	4	14
Gloucester	6	4	...	...
Goochland	...	...	...	1
Grayson	3	...	2	1
Greene	...	5	...	...
Greensville	...	...	1	1
Halifax	1	...	2	11
Hanover	4	2	12	21
Henrico	111	...	53	42
Henry	17	...	1	5
Highland	...	...	...	...
Isle of Wight	2	...	4	10
James City	4	4	23	7
King and Queen	...	...	...	...
King George	...	...	...	3
King William	...	...	3	11
Lancaster	1	...	3	5
Lee	...	...	1	9
Loudoun	38	5	12	6
Louisa	1	...	...	1
Lunenburg	...	...	...	...
Madison	...	...	2	1
Mathews	1	...	2	...
Mecklenburg	2	...	5	25
Middlesex	...	...	...	4
Montgomery	22	...	38	24
Nelson	1	1	...	1
New Kent	...	...	...	2
Northampton	1	2	2	8
Northumberland	1	...	1	...
Nottoway	1	...	2	11
Orange	...	...	3	4
Page	...	...	4	5
Patrick	4	...	...	...
Pittsylvania	...	9	...	14
Powhatan	...	...	...	...

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TABLE 10.16C
Local Government Employees by Type and Function
for Virginia's Counties and Cities: 1982, *CONTINUED*

	Full-Time Equivalent Employment			
	Environment & Housing			Sanitation Other Than Sewerage
	Parks & Recreation	Housing & Community Development	Sewerage	
Prince Edward	...	...	3	8
Prince George	2	...	2	2
Prince William	109	73	189	13
Pulaski	7	2	7	30
Rappahannock	...	...	...	...
Richmond	...	...	...	...
Roanoke	43	...	22	59
Rockbridge	6	1	...	6
Rockingham	9	...	27	12
Russell	3	...	10	8
Scott	1	...	8	21
Shenandoah	7	1	7	15
Smyth	4	...	10	11
Southampton	...	...	6	9
Spotsylvania	10	1	19	9
Stafford	16	...	17	4
Surry	7	...	...	3
Sussex	1	...	4	9
Tazewell	15	3	12	32
Warren	4	...	15	15
Washington	2	...	12	13
Westmoreland	...	...	14	3
Wise	1	...	14	47
Wythe	5	...	8	11
York	14	...	19	6
Cities				
Alexandria	110	82	139	65
Bedford	...	1	15	6
Bristol	17	16	7	22
Buena Vista	5	...	6	6
Charlottesville	85	9	12	45
Chesapeake	68	40	43	78
Clifton Forge	...	2	4	17
Colonial Heights	8	...	8	...
Covington	9	...	5	11
Danville	93	28	36	51
Emporia	...	...	3	6
Fairfax	22	14	13	13
Falls Church	21	12	4	16
Franklin	3	...	6	19
Fredericksburg	11	4	9	22
Galax	5	...	4	9
Hampton	169	64	34	107
Harrisonburg	25	...	2	18
Hopewell	20	2	89	12
Lexington	6	...	7	12
Lynchburg	81	19	45	41
Manassas	9	...	11	1
Manassas Park	...	1	6	5
Martinsville	11	4	23	17
Newport News	131	179	69	140

CONTINUED ➡



TABLE 10.16C
Local Government Employees by Type and Function
for Virginia's Counties and Cities: 1982, *CONTINUED*

	Full-Time Equivalent Employment			
	Environment & Housing			
	Parks & Recreation	Housing & Community Development	Sewerage	Sanitation Other Than Sewerage
Norfolk	381	504	95	242
Norton	1	2	3	7
Petersburg	17	9	41	31
Poquoson	6	...	1	14
Portsmouth	146	142	59	127
Radford	5	1	9	15
Richmond	339	289	75	435
Roanoke	27	85	60	120
Salem	11	...	10	40
South Boston	1	...	14	14
Staunton	25	...	14	17
Suffolk	31	16	6	32
Virginia Beach	316	15	672	251
Waynesboro	10	...	14	16
Williamsburg	11	...	...	1
Winchester	21	1	19	18
MSAs				
Bristol (Va. portion)	20	16	27	56
Charlottesville	94	15	34	45
Danville	93	37	36	65
Lynchburg	102	19	50	53
Norfolk	1,283	968	1,021	1,005
Northern Virginia	1,381	319	1,002	405
Richmond	550	302	358	567
Roanoke	82	85	92	224
Planning Districts				
LENOWISCO	3	2	26	84
Cumberland Plateau	32	3	26	72
Mount Rogers	38	16	45	69
New River Valley	39	3	58	87
Fifth	93	87	107	262
Central Shenandoah	86	...	71	88
Lord Fairfax	51	2	48	65
Northern Virginia	1,365	319	985	401
Rappahannock-Rapidan	8	...	25	20
Thomas Jefferson	96	16	34	47
Central Virginia	103	20	66	63
West Piedmont	128	41	63	100
Southside	4	...	22	57
Piedmont	1	...	9	26
Richmond Regional	503	291	218	517

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TABLE 10.16C
Local Government Employees by Type and Function
for Virginia's Counties and Cities: 1982, *CONTINUED*

	Full-Time Equivalent Employment			
	Environment & Housing			Sanitation Other Than Sewerage
	Parks & Recreation	Housing & Community Development	Sewerage	
RADCO	38	5	46	43
Northern Neck	2		18	8
Middle Peninsula	9	4	7	18
Crater	55	11	148	69
Southeastern Virginia	947	717	891	768
Peninsula	335	247	146	275
Accomack-Norhampton	5	2	2	17

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Governments. *Compendium of Public Employment*. U.S. Government Printing Office, Washington, D.C., 1984.

NOTES: A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 10.16D
Local Government Employees by Type and Function
for Virginia's Counties and Cities: 1982, Continued

	Full-Time Equivalent Employment					
	Government Administration			Total	Utilities	
	Financial	Judicial & Legal	Other		Water Supply Only	Other
Virginia	4,226	1,529	2,565	4,030	1,733	7,846
Counties						
Accomack	16	9	20	1	..	53
Albemarle	39	19	25	30	30	117
Alleghany	11	...	15	5	5	22
Amelia	4	...	4	...	...	...
Amherst	10	4	13	23	...	...
Appomattox	8	4	5	1	...	...
Arlington	138	53	75	90	...	1
Augusta	30	12	27	1	...	...
Bath	6	4		...	...	...
Bedford	13	12	12	...	...	...
Bland	4	2	3	...	...	...
Botetourt	8	3	21	3	...	...
Brunswick	10	5	10	4	...	...
Buchanan	12	...	26	16	16	45
Buckingham	6	3	3	1	1	7
Campbell	26	9	10	5	5	62
Chesapeake	16	9	6	1	1	27

CONTINUED ➡



TABLE 10.16D
Local Government Employees by Type and Function
for Virginia's Counties and Cities: 1982, *CONTINUED*

	Full-Time Equivalent Employment					
	Government Administration			Total	Utilities	
	Financial	Judicial & Legal	Other		Water Supply Only	Other
Carroll	13	4	6	2	2	23
Charles City	8	2	5	...	...	6
Charlotte	9	4	10	3	3	15
Chesterfield	148	32	77	100	100	266
Clarke	11	...	16	1	1	13
Craig	2	2	2	...	...	9
Culpeper	13	4	16	19	...	...
Cumberland	4	...	4	...	...	...
Dickenson	7	2	19	1	...	...
Dinwiddie	6	6	6	...	...	...
Essex	9	...	10	2	...	...
Fairfax	368	238	148	295	...	2
Fauquier	27	1	15	25	...	...
Floyd	5	2	8	...	...	...
Fluvanna	8	...	5	1	...	...
Franklin	20	6	16	6	...	...
Frederick	27	10	22	2	2	67
Giles	16	6	22	5	5	19
Gloucester	21	4	8	9	9	25
Goochland	6	3	6	...	...	6
Grayson	5	3	6	1	1	28
Greene	5	4	4	...	...	8
Greensville	8	4	13	1	1	11
Halifax	11	4	19	2	2	18
Hanover	37	15	24	13	13	48
Henrico	202	28	90	136	136	640
Henry	29	2	13	1	...	...
Highland	4	3	1	...	...	...
Isle of Wight	10	5	22	5	...	...
James City	33	17	31	8	...	...
King and Queen	4	...	5	...	...	...
King George	9	2	10	2	...	...
King William	6	1	9	2	...	...
Lancaster	11	2	14	2	...	...
Lee	13	3	9	5	...	...
Loudoun	64	1	50	18	...	...
Louisa	9	9	3	...	...	16
Lunenburg	6	3	8	...	...	25
Madison	2	...	12	2	2	10
Mathews	7	5	5	...	...	4
Mecklenburg	20	4	14	10	10	49
Middlesex	11	...	11	...	...	30
Montgomery	51	20	24	25	25	88
Nelson	6	5	5	...	...	...
New Kent	8	8	5	1	1	7
Northampton	9	2	17	1	1	22
Northumberland	9	5	9	...	...	...
Nottoway	16	4	17	8	...	...
Orange	12	6	7	5	...	...
Page	18	9	25	7	...	...
Patrick	7	1	6	...	...	...
Pittsylvania	17	8	12	...	...	...
Powhatan	5	5	10	...	...	...

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TABLE 10.16D

Local Government Employees by Type and Function
for Virginia's Counties and Cities: 1982, *CONTINUED*

	Full-Time Equivalent Employment					
	Government Administration			Total	Utilities	
	Financial	Judicial & Legal	Other		Water Supply Only	Other
Prince Edward	11	5	20	8	...	...
Prince George	10	...	9	...	...	...
Prince William	80	35	85	54	...	...
Pulaski	25	5	25	29	29	48
Rappahannock	4	4	5	...	...	12
Richmond	7	3	6	...	...	16
Roanoke	61	18	18	21	21	174
Rockbridge	11	10	9	...	...	29
Rockingham	29	5	18	14	14	46
Russell	19	...	15	5	5	41
Scott	16	6	19	5	5	14
Shenandoah	17	10	12	9	9	28
Smyth	15	4	15	15	15	47
Southampton	10	5	7	2	...	...
Spotsylvania	22	16	9	17	...	...
Stafford	41	17	22	23	...	...
Surry	6	...	12	...	...	...
Sussex	10	5	16	4	...	...
Tazewell	33	5	26	34	...	...
Warren	22	5	16	18	...	...
Washington	23	6	20	32	...	...
Westmoreland	24	2	16	3	...	...
Wise	36	9	29	19	...	...
Wythe	14	...	20	14	14	34
York	29	11	11	...	...	112
Cities						
Alexandria	113	87	76	...	...	284
Bedford	11	...	7	27	...	...
Bristol	12	11	3	75	17	48
Buena Vista	10	5	2	4	4	6
Charlottesville	62	9	19	93	16	145
Chesapeake	100	15	40	95	95	277
Clifton Forge	6	3	4	5	5	4
Colonial Heights	19	11	5	6	6	30
Covington	9	1	4	11	11	9
Danville	99	51	18	175	...	...
Emporia	5	...	15	7	...	...
Fairfax	21	...	21	37	...	...
Falls Church	25	2	8	55	...	...
Franklin	11	1	5	14	...	...
Fredericksburg	16	9	6	8	...	...
Galax	5	1	5	9	...	...
Hampton	79	23	52	126	...	...
Harrisonburg	20	...	10	76	...	...
Hopewell	23	4	8	...	...	...
Lexington	6	...	5	4	...	...
Lynchburg	71	12	29	69	69	208
Manassas	17	...	12	31	14	19
Manassas Park	6	...	6	1	1	2
Martinsville	24	14	6	42	23	56
Newport News	104	49	47	258	258	560

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TABLE 10.16D
Local Government Employees by Type and Function
for Virginia's Counties and Cities: 1982, *CONTINUED*

	Full-Time Equivalent Employment					
	Government Administration			Total	Utilities	
	Financial	Judicial & Legal	Other		Water Supply Only	Other
Norfolk	216	63	86	332	253	1,227
Norton	6	1	7	12	12	9
Petersburg	38	19	28	68	41	182
Poquoson	9	...	4	...	...	10
Portsmouth	99	48	37	108	108	424
Radford	16	8	4	30	13	22
Richmond	177	85	73	596	192	1,349
Roanoke	85	75	19	111	111	645
Salem	32	...	32	48	...	...
South Boston	8	...	4	9	...	...
Staunton	25	9	4	29	...	...
Suffolk	44	9	37	38	...	...
Virginia Beach	214	43	116	130	...	1
Waynesboro	17	2	14	16	...	...
Williamsburg	23	4	10	7	...	...
Winchester	19	7	11	35	...	...
MSAs						
Bristol (Va. portion)	51	23	42	112	22	62
Charlottesville	114	32	53	124	46	270
Danville	116	59	30	175	...	...
Lynchburg	107	25	52	97	74	270
Norfolk	971	286	479	1,111	723	2,576
Northern Virginia	873	433	503	604	15	307
Richmond	687	218	346	920	489	2,534
Roanoke	186	96	90	183	132	819
Planning Districts						
LENOWISCO	71	19	64	41	17	23
Cumberland Plateau	71	7	86	56	21	86
Mount Rogers	91	31	78	148	49	180
New River Valley	113	41	83	89	72	177
Fifth	214	102	115	204	153	863
Central Shenandoah	158	50	90	144	18	81
Lord Fairfax	114	41	102	72	12	108
Northern Virginia	832	416	481	581	15	307
Rappahannock-Rapidan	58	15	55	51	2	22
Thomas Jefferson	129	46	61	124	46	286
Central Virginia	139	41	76	125	74	270
West Piedmont	196	82	71	224	23	56
Southside	49	13	47	25	12	67
Piedmont	56	19	66	20	4	47
Richmond Regional	591	178	290	846	442	2,322
RADCO	104	53	53	51	1	27
Northern Neck	51	12	45	5	...	16

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TABLE 10.16D

Local Government Employees by Type and Function for Virginia's Counties and Cities: 1982, *CONTINUED*

	Full-Time Equivalent Employment					
	Government Administration			Utilities		
	Financial	Judicial & Legal	Other	Total	Water Supply Only	Other
Middle Peninsula	58	10	48	13	9	59
Crater	125	49	112	86	48	223
Southeastern Virginia	704	189	350	724	456	1,929
Peninsula	277	104	155	399	258	622
Accomack-Norhampton	25	11	37	2	1	75

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Governments. *Compendium of Public Employment*. U.S. Government Printing Office, Washington, D.C., 1984

NOTES: A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 10.17

Local Government Payroll for Virginia's Counties and Cities: 1982

	October Payroll	Elementary, Secondary & Higher Education		All Other Functions	Average October Earnings		
		Total	Instructional Only		All Full-time Employees	Instructional Employees	All other Employees
Virginia	\$241,166	\$148,103	\$114,133	\$93,074	\$1,446	\$1,544	\$1,292
Counties							
Accomack	942	583	454	360	1,181	1,231	1,129
Albemarle	1,476	1,042	851	435	1,139	1,145	1,129
Alleghany	593	467	354	126	1,114	1,262	943
Amelia	223	190	142	33	1,072	1,129	961
Amherst	768	626	471	142	1,198	1,301	1,021
Appomattox	405	314	222	91	1,099	1,173	1,002
Arlington	8,130	3,714	2,801	4,416	1,987	2,703	1,740
Augusta	1,401	1,122	942	279	1,156	1,218	1,027
Bath	1	131	121	34	876	848	979
Bedford	1,057	884	711	173	1,145	1,233	963
Bland	183	151	103	33	1,069	1,095	1,035
Botetourt	707	590	429	117	1,196	1,350	1,013
Brunswick	463	345	277	117	1,000	1,033	941
Buchanan	1,269	1,052	827	217	1,052	1,133	889
Buckingham	391	334	239	57	1,190	1,352	996
Campbell	1,316	1,036	813	279	1,371	1,530	1,132
Caroline	550	442	335	108	1,217	1,352	1,026
Carroll	703	603	444	100	1,110	1,197	965
Charles City	238	183	136	55	1,075	1,126	1,006
Charlotte	400	222	222	100	1,153	1,321	978
Chesterfield	6,325	3,422	2,065	1,365	1,416	1,299	
Clarke	288	175	71	1,196	1,364	1,001	

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TABLE 10.17
Local Government Payroll for Virginia's
Counties and Cities: 1982, *CONTINUED*

	October Payroll	Elementary, Secondary & Higher Education			Average October Earnings		
		Total	Instructional Only	All Other Functions	All Full-time Employees	Instructional Employees	All other Employees
Craig	118	90	69	28	1,063	1,150	958
Culpeper	720	534	435	186	1,207	1,305	1,064
Cumberland	213	176	144	38	1,045	1,051	1,031
Dickenson	728	566	427	162	1,186	1,350	992
Dinwiddie	694	590	474	105	1,296	1,385	1,090
Essex	288	227	179	61	1,181	1,383	926
Fairfax	40,675	26,586	19,024	14,089	1,837	1,972	1,716
Fauquier	1,097	853	692	245	1,235	1,379	1,028
Floyd	944	297	205	48	1,213	1,426	984
Fluvanna	259	210	162	49	920	898	975
Franklin	1,045	851	673	195	1,312	1,454	1,053
Frederick	1,150	893	689	256	1,229	1,385	1,023
Giles	646	452	371	194	1,203	1,346	1,044
Gloucester	655	522	365	133	1,159	1,318	999
Goochland	366	303	219	83	1,145	1,229	1,035
Grayson	436	337	232	99	1,094	1,304	924
Greene	261	213	157	47	1,023	1,061	969
Greensville	470	399	309	71	1,212	1,289	1,071
Halifax	1,125	957	752	168	1,254	1,465	941
Hanover	1,675	1,253	1,061	422	1,287	1,417	1,081
Henrico	8,113	4,846	3,804	3,268	1,491	1,631	1,382
Henry	1,669	1,371	1,079	299	1,244	1,295	1,110
Highland	89	65	46	25	977	969	986
Isle of Wight	625	481	372	143	1,211	1,275	1,110
James City	387	...	...	387	1,352	...	1,352
King and Queen	149	136	104	13	1,042	1,131	874
King George	356	305	238	51	1,299	1,642	904
King William	400	324	235	76	1,160	1,361	£44
Lancaster	305	206	138	99	1,135	1,317	1,015
Lee	857	689	544	167	1,117	1,165	1,024
Loudoun	2,710	2,102	1,612	609	1,391	1,556	1,160
Louisa	541	454	353	87	1,188	1,231	1,094
Lunenburg	406	324	256	82	1,198	1,383	949
Madison	278	223	170	55	1,022	1,040	983
Mathews	274	230	183	44	1,325	1,652	929
Mecklenburg	914	676	533	238	1,100	1,214	942
Middlesex	237	168	120	69	1,021	1,224	860
Montgomery	1,611	1,042	811	568	1,255	1,362	1,150
Nelson	387	332	242	54	1,132	1,185	1,035
New Kent	324	260	181	64	1,179	1,302	1,049
Northampton	670	392	279	278	1,052	1,134	997
Northumberland	276	220	167	55	1,218	1,403	991
Nottoway	482	310	259	172	1,078	1,049	1,119
Orange	642	534	435	109	1,251	1,387	1,003
Page	576	403	316	174	1,118	1,172	1,053
Patrick	443	371	306	73	1,112	1,258	845
Pittsylvania	1,998	1,573	1,359	425	1,399	1,412	1,367
Powhatan	345	297	213	48	1,104	1,246	924
Prince Edward	466	286	197	180	1,079	1,119	1,047
Prince George	735	630	495	105	1,238	1,332	1,039
Prince William	7,955	5,384	3,950	2,571	1,605	1,635	1,571
Pulaski	1,090	792	650	298	1,118	1,220	974
Rappahannock	180	137	97	43	1,126	1,157	1,081

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TABLE 10.17
Local Government Payroll for Virginia's
Counties and Cities: 1982, *CONTINUED*

	October Payroll	Elementary, Secondary & Higher Education		All Other Functions	Average October Earnings		
		Total	Instructional Only		All Full-time Employees	Instructional Employees	All other Employees
Richmond	200	156	132	44	1,235	1,393	964
Roanoke	3,639	2,912	2,470	727	1,412	1,603	1,099
Rockbridge	523	402	312	121	1,186	1,353	953
Rockingham	1,479	1,154	960	325	1,317	1,436	1,108
Russell	976	778	656	198	1,188	1,404	872
Scott	761	627	484	134	1,172	1,326	959
Shenandoah	859	638	515	220	1,176	1,223	1,100
Smyth	1,066	785	692	281	1,331	1,553	1,028
Southampton	548	394	300	155	1,165	1,233	1,081
Spotsylvania	1,277	1,023	821	255	1,376	1,443	1,238
Stafford	1,580	1,230	1,050	351	1,332	1,330	1,327
Surry	279	207	149	71	1,095	1,129	1,048
Sussex	385	262	208	123	1,011	1,181	857
Tazewell	1,615	1,252	997	364	1,113	1,349	857
Warren	736	504	356	232	1,200	1,285	1,126
Washington	1,421	1,128	890	293	1,316	1,497	1,025
Westmoreland	472	328	243	144	1,206	1,358	1,075
Wise	1,685	1,277	1,102	408	1,393	1,615	1,070
Wythe	747	548	446	199	1,095	1,221	925
York	1,545	1,032	773	513	1,341	1,426	1,249
Cities							
Alexandria	5,825	2,550	1,900	3,275	1,818	2,205	1,670
Bedford	134	...	...	134	1,153	...	1,153
Bristol	990	531	391	459	1,313	1,533	1,197
Buena Vista	241	167	133	75	1,186	1,325	1,046
Charlottesville	1,996	1,014	797	981	1,308	1,466	1,223
Chesapeake	6,412	3,382	2,733	3,031	1,378	1,596	1,242
Clifton Forge	71	...	...	71	1,007	...	1,007
Colonial Heights	645	453	371	192	1,258	1,336	1,158
Covington	305	191	161	114	1,201	1,296	1,109
Danville	2,349	1,164	969	1,185	1,315	1,600	1,162
Emporia	94	...	...	94	1,018	...	1,018
Fairfax	526	5	...	522	1,913	...	1,913
Falls Church	666	259	183	407	1,794	2,323	1,636
Franklin	348	194	157	155	1,084	1,075	1,092
Fredericksburg	662	291	245	371	1,357	1,450	1,304
Galax	282	187	146	96	1,109	1,342	932
Hampton	5,555	3,259	2,694	2,296	1,444	1,618	1,305
Harrisonburg	743	369	301	374	1,355	1,469	1,283
Hopewell	1,658	596	461	1,062	1,253	1,372	1,210
Lexington	168	66	51	102	1,171	1,218	1,151
Lynchburg	3,001	1,579	1,172	1,422	1,310	1,463	1,223
Manassas	786	524	440	262	1,484	1,553	1,401
Manassas Park	308	202	160	106	1,337	1,395	1,274
Martinsville	933	500	415	432	1,330	1,594	1,170
Newport News	6,958	3,944	2,967	3,014	1,373	1,529	1,267
Norfolk	12,612	5,628	4,572	6,983	1,337	1,651	1,205
Norton	199	118	101	81	1,097	1,335	928
Petersburg	3,424	1,070	787	2,354	1,238	1,640	1,144
Poquoson	307	227	188	81	1,212	1,262	1,124
Portsmouth	5,004	2,567	1,967	2,437	1,235	1,468	1,117
Radford	444	224	184	220	1,308	1,481	1,201
Richmond	13,837	5,924	4,270	7,912	1,372	1,436	1,344

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TABLE 10.17
Local Government Payroll for Virginia's
Counties and Cities: 1982, *CONTINUED*

	October Payroll	Elementary, Secondary & Higher Education		All Other Functions	Average October Earnings		
		Total	Instructional Only		All Full-time Employees	Instructional Employees	All other Employees
Roanoke	5,036	2,346	1,847	2,690	1,453	1,727	1,325
Salem	449	20	7	429	1,249	2,392	1,239
South Boston	221	110	97	111	1,164	1,548	977
Staunton	782	396	340	386	1,369	1,335	1,399
Suffolk	1,621	1,092	803	529	1,190	1,405	1,015
Virginia Beach	13,899	8,155	6,389	5,745	1,465	1,849	1,243
Waynesboro	629	408	343	221	1,283	1,395	1,163
Williamsburg	996	805	569	191	1,212	1,331	1,083
Winchester	809	490	392	318	1,249	1,422	1,116
MSAs							
Bristol (Va. portion)	3,172	2,286	1,765	886	NC	NC	NC
Charlottesville	3,992	2,479	1,967	1,512	NC	NC	NC
Danville	4,347	2,737	2,328	1,610	NC	NC	NC
Lynchburg	5,085	3,241	2,456	1,843	NC	NC	NC
Norfolk	55,951	30,613	24,020	25,340	NC	NC	NC
Northern Virginia	69,161	42,556	31,120	26,608	NC	NC	NC
Richmond	38,379	20,665	15,894	17,715	NC	NC	NC
Roanoke	9,831	5,868	4,753	3,963	NC	NC	NC
Planning Districts							
LENOWISCO	3,502	2,711	2,231	790	NC	NC	NC
Cumberland Plateau	4,588	3,648	2,907	941	NC	NC	NC
Mount Rogers	5,828	4,270	3,344	1,560	NC	NC	NC
New River Valley	4,135	2,807	2,221	1,328	NC	NC	NC
Fifth	10,918	6,616	5,337	4,302	NC	NC	NC
Central Shenandoah	6,220	4,280	3,549	1,942	NC	NC	NC
Lord Fairfax	4,418	3,146	2,443	1,271	NC	NC	NC
Northern Virginia	67,581	41,326	30,070	26,257	NC	NC	NC
Rappahannock-Rapidan	2,917	2,281	1,829	638	NC	NC	NC
Thomas Jefferson	4,920	3,265	2,562	1,653	NC	NC	NC
Central Virginia	6,681	4,439	3,389	2,241	NC	NC	NC
West Piedmont	8,437	5,830	4,801	2,609	NC	NC	NC
Southside	2,723	2,088	1,659	634	NC	NC	NC
Piedmont	2,581	1,920	1,459	662	NC	NC	NC
Richmond Regional	31,223	17,326	13,306	13,897	NC	NC	NC
RADCO	4,425	3,291	2,689	1,136	NC	NC	NC
Northern Neck	1,253	910	680	342	NC	NC	NC
Middle Peninsula	2,003	1,607	1,186	396	NC	NC	NC
Crater	8,384	4,207	3,254	4,177	NC	NC	NC
Southeastern Virginia	41,069	21,893	17,293	19,178	NC	NC	NC
Peninsula	15,748	9,267	7,191	6,482	NC	NC	NC
Accomack-Norhampton	1,612	975	733	638	NC	NC	NC

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Governments. *Compendium of Public Employment*. U.S. Government Printing Office, Washington, D.C., 1984.

NOTES: "Elementary, Secondary & Higher Education", "October Payroll", and "All Other Functions" in thousands of dollars.

"Average October Earnings" in dollars.

NC—Not computed.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 10.18
Living Veterans for the U.S., Virginia, and Surrounding States: 1987

	Total Veterans	War Veterans					Other Veterans	
		Total	World War I	World War II	Korean Conflict	Vietnam Era	Service Between Korea & Vietnam Only	Post- Vietnam Era
United States ¹	27,469	21,646	140	9,765	5,034	8,270	2,987	2,473
Virginia	669	523	2	229	144	225	71	66
Delaware	78	61	(Z)	28	14	23	8	8
District of Columbia	58	46	(Z)	22	12	15	5	6
Florida	1,477	1,201	11	654	282	404	125	124
Georgia	651	500	2	198	121	231	69	72
Kentucky	368	291	2	129	67	110	40	31
Maryland	530	415	2	183	105	164	60	49
North Carolina	682	538	3	244	127	207	69	65
South Carolina	351	275	1	120	68	118	36	35
Tennessee	524	410	2	177	92	167	56	51
West Virginia	224	178	1	83	38	66	23	20

SOURCE: Veterans Administration, Administrator of Veterans Affairs. *Annual Report 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: Estimates in thousands, as of September 30.

"Total Veterans" includes peacetime veterans not shown separately, who served only between World War I and World War II, and those who served only between World War II and the Korean conflict.

"Total" includes veterans who served in both World War II and the Korean conflict, or in both the Korean conflict and the Vietnam era, are counted only once.

"World War II" U.S. total includes 996,000 who served in both World War II and the Korean conflict.

"Vietnam Era" U.S. total includes 638,000 who served in both the Korean conflict and the Vietnam era.

"Post Vietnam Era" includes service only after May 7, 1975.

¹There are also 3 living Spanish-American War veterans whose median age is 104 years, and 60 living Mexican Border conflict veterans.

Z—Fewer than 500.

TABLE 10.19
**Veterans Federal Benefits for the U.S.,
 Virginia, and Surrounding States: 1987**

	Total	Re- Adjustment Benefits	Insurance & Indemnities	Hospital & Domiciliary Construction	Medical Services & Adminis- trative Costs
United States	\$28,100.5	\$878.7	\$1,690.3	\$588.9	\$10,641.3
Virginia	727.7	32.8	50.3	6.1	231.1
Delaware	78.0	2.4	6.6	1.5	36.3
District of Columbia	858.9	1.4	4.5	40.7	763.8
Florida	1,647.2	47.3	112.5	10.8	467.9
Georgia	723.5	29.2	35.3	16.7	213.5
Kentucky	456.1	14.4	19.0	18.2	139.8

CONTINUED ➡

**TABLE 10.19**

**Veterans Federal Benefits for the U.S., Virginia,
and Surrounding States: 1987, *CONTINUED***

	Total	Re- Adjustment Benefits	Insurance & Indemnities	Hospital & Domiciliary Construction	Medical Services & Adminis- trative Costs
Maryland	407.7	12.6	40.4	3.9	125.8
North Carolina	722.6	33.2	31.6	10.7	213.5
South Carolina	366.2	20.2	23.5	4.5	112.5
Tennessee	661.5	17.6	30.0	9.4	276.2
West Virginia	308.3	5.1	13.9	12.7	124.7

SOURCE: Veterans Administration, Administrator of Veterans Affairs. *Annual Report 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In millions of dollars.

"Readjustment Benefits" includes educational assistance to veterans and to dependents, vocational rehabilitation, automobiles and other conveyances for disabled veterans, and specially adapted housing for disabled veterans.

"Hospital & Domiciliary Construction" includes \$34.6 million in grants for construction of state extended care facilities.

TABLE 10.20

**Social Security Coverage of State and Local Government Employees
for the U.S., Virginia, and Surrounding States: 1982**

	State & Local Government Employees Covered by Federal Social Security		State Government Employees Covered by Federal Social Security		Local Government Employees Covered by Federal Social Security	
	Number	Rate	Number	Rate	Number	Rate
United States	7,476,922	57.5%	2,571,499	68.7%	4,905,423	53.0%
Virginia	284,237	90.3	102,858	88.7	181,379	91.3
Delaware	27,615	77.2	14,399	74.4	13,216	80.6
District of Columbia	10,124	20.5	NA	NA	10,124	20.5
Florida	421,426	79.0	104,200	81.1	317,226	78.3
Georgia	242,364	71.6	82,079	87.6	160,285	65.4
Kentucky	98,393	57.3	53,702	81.1	44,691	42.4
Maryland	211,144	83.2	73,085	83.4	138,059	83.1
North Carolina	282,768	81.7	67,190	66.7	215,578	87.8
South Carolina	144,842	82.4	56,640	88.8	88,202	78.7
Tennessee	161,660	64.4	57,808	75.1	103,852	59.7
West Virginia	86,957	83.0	35,000	89.1	51,957	79.4

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Governments. *Compendium of Public Employment (Supplement)*. U.S. Government Printing Office, Washington, D.C., 1985.

NOTES: "Local Government Employees Covered by Federal Social Security" includes county, municipal, township, school district, and special district employees.
NA—Not applicable.



Section 11: Government Finances

This section presents data on finances for all levels of government in the Commonwealth. For the federal government, tables show federal aid to states, federal grants to state and local government in Virginia (by agency and selected programs), direct federal payments to individuals (by program), and federal government expenditures or obligations to Virginia counties and independent cities. For the state government, tables show revenue by source, general expenditures by function, and finances of the state-administered employee retirement system. Detailed county and independent city tables in this section cover local government expenditures by class of expenditure, revenue by source, and maintenance and operations expenditures.

Most of the information in this section comes from publications of the Bureau of the Census. The Census of Governments, conducted every five years, includes governmental finances as one of its major subject areas. Within this major area, the Census presents reports on the finances of public school systems, special districts, county governments, and municipal and township governments, as well as a general summary, *Compendium of Government Finances*. This *Compendium* from the 1982 Census of Governments (the latest covering Virginia) provided the data presented here on local government expenditures by class of expenditure and local government revenue by source.

The Census Bureau also issues an annual series, *Government Finance*, with separate reports on eight different topics, including *State Government Finances*, *City Government Finances*, *County Government Finances*, *Finances of Employee Retirement Systems of State and Local Governments*, and *Finances of Public School Systems*. These reports, which contain more current information than the 1982 Census of Governments, were the source for much of the data on Virginia state government finances in this section.

A third Census Bureau series, the Consolidated Federal Funds Report, summarizes the geographical distribution of federal government expenditures throughout the nation. This series was mandated by the Consolidated Federal Funds Act of 1982, and it presents data by states (*Federal Expenditures by State*), by counties (*Consolidated Federal Funds Report*, volume 1), and by sub-county areas (*Consolidated Federal Funds Report*, volume 2).

Local government finances in Virginia are recorded by the Auditor of Public Accounts in the *Comparative Report of Local Government Revenues and Expenditures* (annual). This report, the source for Tables 11.15, 11.17A, B, and C, 11.18, and 11.19A and B, includes data for all counties and independent cities, and for towns with a population over 3,500 or their own school system. It provides additional data, beyond that presented here, on expenditures by specific activity, capital projects for general government, debt service for general government, outstanding debt, and enterprise activities.

CONCEPTS

CAPITAL OUTLAYS

Capital outlays are direct expenditures for contract construction of buildings, roads, and other improvements, and for purchase of equipment, land, and existing structures. This category includes amounts for additions, replacements, and major alterations to fixed work and structures, but not for repairs of such structures.

DIRECT EXPENDITURE

Direct expenditure includes payments to employees, suppliers, contractors, beneficiaries, and other final recipients of government payments—that is, all expenditure other than intergovernmental expenditure.

ENTERPRISE ACTIVITIES

As a category of local government expenditure, "Enterprise Activities" are defined by the Uniform Financial Reporting Manual for Virginia Counties and Cities to include the following: airports, coliseums, electrical utilities, gas utilities, harbors, nursing homes, hospitals, water and/or sewer utilities, public transportation systems, and steam plants. Such enterprise activities supported by the local government may or may not be operated by the locality.

GENERAL EXPENDITURE

General expenditure includes all state expenditure other than the specifically enumerated kinds of expenditure classified as Liquor Store, Insurance Trust, and Utility.

GENERAL REVENUE

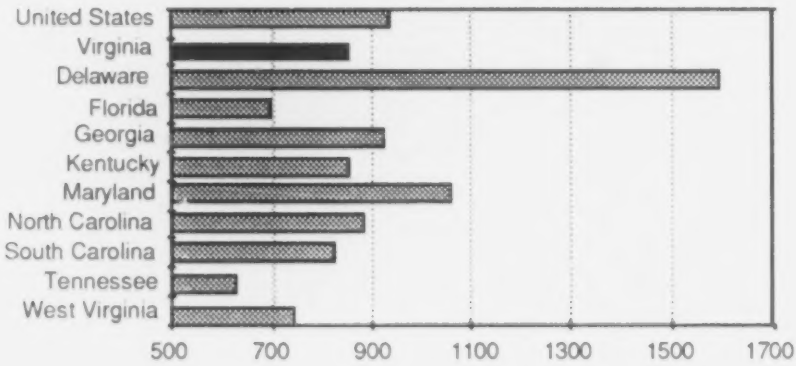
General revenue includes all state revenue except Liquor Store revenue, Insurance Trust revenue, and Utility revenue. The basis for the distinction is not the fund or administrative unit receiving particular amounts, but the nature of the revenue sources.

INTERGOVERNMENTAL EXPENDITURE/REVENUE

Intergovernmental expenditure/revenue is the amounts paid to/received from other governments as fiscal aid in the form of shared revenues and grants-in-aid, and as reimbursements for performance of general government activities, and specific services for the paying government (e.g., care of prisoners and contractual research). All intergovernmental revenue is classified as general revenue.



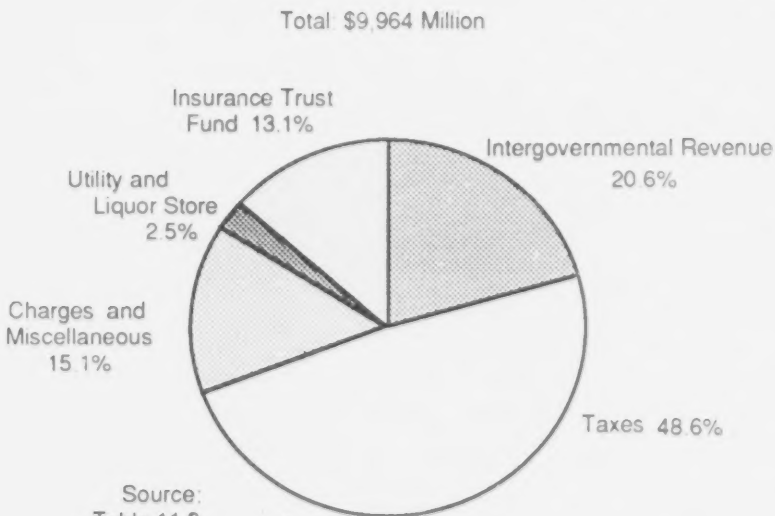
Figure 11.1
State General Operating Fund Expenditures Per Capita: 1988



Source:
 Table 11.2

Dollars

Figure 11.2
State Government Revenue by Source: 1986



Source:
 Table 11.3

TABLE 11.1
Summary of State Government Revenue and Expenditures
for the U.S., Virginia, and Surrounding States: 1986

	Revenue				Expenditures			
	Total	General	Utility & Liquor Store	Insurance Trust	Total	Utility & General	Liquor Store	Insurance Trust
United States	\$481,174	\$393,476	\$5,714	\$81,984	\$424,216	\$376,519	\$7,948	\$39,749
Virginia	9,964	8,406	253	1,304	8,873	8,239	210	424
Delaware	1,807	1,553	4	250	1,415	1,319	9	87
District of Columbia	NA	NA	NA	NA	NA	NA	NA	NA
Florida	15,815	13,319	6	2,490	13,740	12,967	18	755
Georgia	9,391	8,044	...	1,347	8,530	7,974	...	556
Kentucky	6,710	5,706	...	1,004	5,791	5,372	...	419
Maryland	9,140	7,763	52	1,325	8,132	7,154	205	773
North Carolina	10,801	8,904	...	1,897	9,369	8,649	...	720
South Carolina	6,362	4,919	455	988	5,641	4,812	450	378
Tennessee	6,813	5,886	...	927	6,080	5,671	...	409
West Virginia	3,822	3,170	58	593	3,621	3,065	41	515

SOURCE: U.S. Department of Commerce, Bureau of the Census. *State Government Finances In 1986*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In millions of dollars. These data are statistical and do not represent an accounting statement.
The difference between total revenues and expenditures does not necessarily indicate a budget surplus or deficit.
NA—Not applicable.

TABLE 11.2
State General Operating Fund Resources and Expenditures
for the U.S., Virginia, and Surrounding States: 1987–1989

	General Fund Resources			Expenditures			Balance		
	1989	1988	1987	1989	1988	1987	1989	1988	1987
United States	\$254,025	\$240,830	\$228,854	\$246,602	\$230,986	\$217,965	\$2,597	\$4,693	\$3,722
Virginia	5,583	5,150	5,107	5,583	4,963	4,656	...	187	138
Delaware	1,186	1,204	1,101	1,044	1,039	931	142	165	170
Florida	9,529	8,771	7,761	9,509	8,629	7,725	...	106	36
Georgia	6,363	6,067	5,518	6,363	5,958	5,354	...	109	164
Kentucky	3,320	3,236	3,097	3,308	3,208	2,914	20	32	145
Maryland	5,428	5,098	4,695	5,412	4,897	4,487	6	197	159
North Carolina	6,614	6,168	5,711	6,586	5,774	5,349	28	394	362
South Carolina	3,232	2,988	2,736	3,145	2,861	2,670	86	138	90
Tennessee	3,475	3,186	2,979	3,353	3,080	2,952	32	80	22
West Virginia	1,500	1,449	1,644	1,450	1,414	1,611	...	35	33

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In millions of dollars. General operating funds exclude special funds earmarked for particular purposes, such as highway trust funds. They support most on-going broad-based state services, as opposed to long-term state capital projects and are available for appropriation to support any governmental activity.
"General Fund Resources" includes funds budgeted, adjustments, and balances from previous years.
1988 data are Governors' proposed budget.
1987 data are estimates.
"Expenditures" excludes transfers.
"Balance" equals "General Fund Resources" less "Expenditures" and transfers.



TABLE 11.3
State Government Revenue by Source, Virginia: 1982–1986

Item	1986	1985	1984	1983	1982
Total revenue	\$9,963,660	\$9,030,478	\$8,170,554	\$7,539,780	\$6,614,492
General revenue	8,406,083	7,687,100	7,034,907	6,270,367	5,771,565
Intergovernmental revenue	2,052,707	1,630,212	1,529,943	1,423,863	1,371,167
From Federal government	1,948,917	1,536,460	1,450,996	1,350,368	1,305,141
From local governments	103,790	93,752	78,947	73,495	66,026
Taxes	4,846,627	4,469,391	4,064,368	3,553,236	3,235,829
Sales and gross receipts	1,961,999	1,845,506	1,696,025	1,516,281	1,356,653
General	1,020,192	927,908	832,982	721,580	670,512
Selective	941,807	917,598	863,043	794,701	686,141
Income	2,455,040	2,235,946	2,003,438	1,732,362	1,623,152
License	306,482	269,929	247,017	208,205	164,762
Other	123,106	118,010	117,888	96,388	91,262
Charges and miscellaneous general revenue	1,506,749	1,587,497	1,440,596	1,293,268	1,164,569
Current charges	981,257	1,080,809	1,021,419	886,547	780,566
Miscellaneous general revenue	525,492	506,688	419,177	406,721	384,003
Interest earnings	406,909	400,565	326,956	316,117	313,564
Other	118,583	106,123	92,221	90,604	70,439
Utility and liquor store revenue	253,217	239,965	239,534	252,577	247,444
Insurance trust revenue	1,304,360	1,103,413	896,113	1,016,836	595,483

SOURCE: U.S. Department of Commerce, Bureau of the Census. *State Government Finances in 1986*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In thousands of dollars.

TABLE 11.4
State Government Charges and Miscellaneous General Revenue by Source, Virginia: 1982–1986

Item	1986	1985	1984	1983	1982
Charges and miscellaneous general revenue	\$1,506,749	\$1,587,497	\$1,440,596	\$1,293,268	\$1,164,569
Current charges	981,257	1,080,809	1,021,419	886,547	780,566
Education	550,169	501,731	459,201	411,265	351,833
Higher education	549,689	501,168	458,688	410,797	350,677
Auxiliary enterprises	223,333	199,299	183,786	164,678	145,353
Other	326,356	301,869	274,902	246,119	205,324
Other education	480	563	513	468	1,156
Hospitals	305,389	462,056	458,308	377,376	338,765
Highways	48,194	41,587	34,093	32,106	30,440
Toll facilities	48,194	41,587	34,093	32,106	30,440
Natural resources	3,770	543	393	1,493	1,527
Agriculture	3,246	1	1	453	425
Forestry	356	376	224	767	843
Other	168	166	168	273	259
Parks and recreation	2,983	2,635	3,154	2,328	1,753
Water transport and terminals	7,595	11,505	11,328	8,162	7,823
Other	63,157	60,752	54,942	53,817	48,425
Miscellaneous general revenue	525,492	506,688	419,177	406,721	384,003

CONTINUED ➡

TABLE 11.4
State Government Charges and Miscellaneous General
Revenue by Source, Virginia: 1982-1986, CONTINUED

Item	1986	1985	1984	1983	1982
Interest earnings	406,909	400,565	326,956	316,117	313,564
Rents and royalties	26,981	21,469	8,810	8,869	1,585
Donations	57,038	50,061	44,164	47,252	37,770
Fines and forfeits	25,320	24,133	22,928	20,155	16,463
Other	9,244	10,460	16,319	14,328	14,621

SOURCE: U.S. Department of Commerce, Bureau of the Census. *State Government Finances in 1986*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In thousand of dollars.

TABLE 11.5
State Government Tax Revenue by Type of Tax, Virginia: 1975-1986

	1986	1984	1982	1980	1975
Taxes, total	\$4,846,627	\$4,064,368	\$3,235,829	\$2,743,325	\$1,662,677
Sales and gross receipts, total	1,961,999	1,696,025	1,356,653	1,212,363	828,860
General sales and gross receipts, total	1,020,192	832,982	670,512	595,060	361,125
Selective sales and gross receipts, total	941,807	863,043	686,141	617,303	467,735
Motor fuels	307,637	324,973	325,384	275,141	246,814
Public utilities	133,600	120,037	103,301	100,018	65,595
Tobacco products	17,310	17,204	17,954	17,437	16,886
Insurance	131,181	97,014	84,431	76,484	45,745
Alcoholic beverages	97,741	90,646	72,768	76,397	51,573
Amusements	163	35	112	97	65
Other	254,175	213,084	82,191	71,729	41,057
Individual income	2,174,272	1,760,732	1,446,187	1,103,006	547,125
Corporation net income	280,768	242,706	176,965	193,847	117,065
License taxes, total	306,482	247,017	164,762	149,138	114,247
Motor vehicle	197,925	117,597	103,512	99,121	75,254
Corporations in general	14,988	8,607	7,380	6,143	4,873
Occupations and businesses, n.e.c.	44,434	30,073	31,343	22,742	16,615
Hunting and fishing	11,409	10,341	9,275	6,792	6,270
Motor vehicle operators	31,741	14,901	9,685	12,027	9,448
Alcoholic beverages	3,827	3,418	2,125	1,732	1,306
Amusements	34	15	16	16	14
Other	2,124	2,065	1,426	565	467
Severance	1,600	1,424	1,280	1,012	655
Property	18,533	31,347	35,345	23,505	19,442
Death and gift	19,915	26,299	21,756	27,281	19,266
Documentary and stock transfer	76,124	54,197	28,561	30,208	15,715
Other	6,934	4,621	4,320	2,965	302

SOURCE: U.S. Department of Commerce, Bureau of the Census. *State Government Finances in 1986*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In thousands of dollars.
n.e.c.—Not elsewhere classified.



TABLE 11.6
State Government General Expenditures by Function, Virginia: 1982-1986

Item	1985	1985	1984	1983	1982
Total general expenditure	\$8,238,896	\$7,233,655	\$6,527,895	\$6,098,226	\$5,682,647
Intergovernmental	2,513,086	2,161,501	1,928,473	1,790,792	1,658,077
Direct	5,725,810	5,072,154	4,599,422	4,307,434	4,024,570
Educational services:					
Education:					
Total	3,356,547	3,026,592	2,746,864	2,435,962	2,240,740
Intergovernmental	1,735,705	1,522,389	1,394,752	1,265,707	1,157,355
Direct	1,620,842	1,504,203	1,352,112	1,170,255	1,083,385
Libraries	16,290	14,944	11,685	11,925	9,614
Social services and income maintenance:					
Public welfare:					
Total	961,804	453,185	904,923	863,513	888,732
Intergovernmental	239,854	186,945	164,795	159,513	167,482
Direct	721,950	766,240	740,128	704,000	721,250
Hospitals	621,458	520,606	512,270	522,939	470,384
Health	298,981	224,645	199,640	184,440	186,116
Employment security administration	56,478	38,855	34,392	27,228	40,250
Veterans services:					
Total	1,722	1,619	1,512	1,512	1,464
Veterans' bonuses	---	---	---	---	---
Other	1,722	1,619	1,512	1,512	1,464
Transportation:					
Highways:					
Total	1,204,716	997,075	816,954	779,217	677,121
Intergovernmental	115,632	90,340	82,560	77,832	66,884
Direct	1,089,084	906,735	734,394	701,385	610,237
Airports	18,763	23,870	15,970	10,270	8,446
Water transport and terminals	35,163	21,009	15,242	13,558	13,605
Transit subsidies	35,271	35,336	35,812	NA	NA
Public safety:					
Police protection	80,492	134,165	117,581	196,479	177,008
Corrections:					
Total	405,771	360,906	345,690	246,445	226,760
Intergovernmental	158,613	112,257	97,993	31,033	35,460
Direct	247,158	248,649	247,697	215,412	191,300
Protective inspection and regulation	51,972	69,377	66,079	58,503	49,076
Environment and housing:					
Natural resources:					
Total	127,621	78,013	68,518	63,959	73,947
Agriculture	64,996	26,805	24,580	21,184	26,942
Fish and game	21,089	16,864	18,187	17,586	24,488
Forestry	15,834	13,675	11,596	11,869	11,913
Other	25,702	20,669	14,155	13,320	10,604
Parks and recreation	31,284	43,457	10,913	11,737	11,355
Housing and community development	102,403	13,046	10,496	9,748	9,761
Sewage	15,233	11,987	10,141	10,612	11,648
Governmental administration:					
Financial administration	143,313	127,306	116,101	107,150	106,761
Judicial and legal	107,995	92,620	83,430	82,395	56,597
Legislative	15,846	13,536	13,588	10,340	11,701
General public buildings	15,213	31,606	30,067	56,043	33,159
Other	6,979	5,699	8,083	8,143	28,683

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TABLE 11.6
State Government General Expenditures by
Function, Virginia: 1982-1986, *CONTINUED*

Item	1986	1985	1984	1983	1982
Interest on general debt	307,743	259,699	221,954	197,053	160,958
General expenditures, n.e.c.:					
General local government support	94,576	23,676	22,381	62,422	54,297
Miscellaneous commercial activities	...	...	...	...	...
Other and unallocable	125,262	110,826	107,609	126,633	134,464

SOURCE: U.S. Department of Commerce, Bureau of the Census. *State Government Finances in 1986*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In thousands of dollars.
 NA—Not available.
 n.e.c.—Not elsewhere classified.

TABLE 11.7
Finances of State-Administered Unemployment Compensation
Systems for the U.S., Virginia, and Surrounding States: 1986

	Revenue				Expenditures	Assets
	Total	State Contributions	State Interest	Federal Contributions		
United States	\$18,172.8	\$18,632.4	\$1,540.7	-\$2,000.3	\$14,820.6	\$18,018.7
Virginia	263.8	215.6	43.0	5.2	137.6	472.7
Delaware	65.1	57.5	7.0	0.6	35.3	82.3
District of Columbia	...	...	...	...	...	...
Florida	480.7	335.0	140.4	5.3	280.7	1,471.3
Georgia	329.6	262.6	60.4	6.6	206.3	658.0
Kentucky	260.4	246.8	8.0	5.6	183.9	113.9
Maryland	374.5	329.7	39.3	5.6	210.8	473.3
North Carolina	498.9	405.5	87.4	6.0	238.5	958.8
South Carolina	162.8	151.6	8.5	2.7	124.5	113.4
Tennessee	250.6	205.3	37.5	7.8	183.3	390.6
West Virginia	80.8	155.0	...	-74.2	145.0	-1.4

SOURCE: U.S. Department of Commerce, Bureau of the Census. *State Government Finances in 1986*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In millions of dollars.
 "State Contributions" from State unemployment compensation tax. Net amounts received from employers and employees including penalties and interest.
 "Federal Contributions" includes Federal advances. Represents net contributions allowing for deduction of repayment of Federal advances.

**TABLE 11.8**
Finances of State-Administered Employee Retirement System, Virginia: Fiscal Years 1980-81 to 1985-86

	FY85- 86	FY84- 85	FY83- 84	FY82- 83	FY81- 82	FY80- 81
Receipts:						
Total	\$1,627,219	\$1,267,063	\$1,014,539	\$982,623	\$669,099	\$646,312
Employee contributions	71,451	71,794	91,290	144,825	137,244	125,991
Government contributions:						
From state	223,889	201,066	157,435	183,855	137,975	60,839
From local governments	458,350	419,693	348,625	213,224	167,292	206,737
Earnings from investments	873,529	574,510	417,189	440,719	226,588	252,744
Payments:						
Total	380,150	335,188	303,475	278,774	246,293	210,525
Benefits	317,465	280,981	254,866	228,789	194,473	174,397
Withdrawals	40,399	37,379	45,063	37,998	41,388	36,127
Other	22,286	16,828	3,546	11,987	10,433	...
Cash and security holdings:						
Total	6,691,318	5,450,333	4,495,018	3,857,580	2,947,168	2,513,699
Cash and deposits	317,630	591,900	164,438	344,289	39,394	81,577
Government securities:						
Federal securities	2,150,248	1,477,068	1,036,898	907,824	1,044,349	840,165
U.S. Treasury	1,550,147	1,256,262	1,019,558	895,770	1,022,750	630,422
Federal Agency	600,101	220,806	17,340	12,055	21,599	209,744
State and Local	415	38	1,993	2,967	112	138
Non-governmental securities	4,223,025	3,381,327	3,291,689	2,602,500	1,863,313	1,591,818

SOURCES: U.S. Department of Commerce, Bureau of the Census, *Finances of Employee-Retirement Systems of State and Local Governments in 1985-86*. U.S. Government Printing Office, Washington, D.C., annual; U.S. Department of Commerce, Bureau of the Census, 1982 Census of Governments, *Employee-Retirement Systems of State and Local Governments*. U.S. Government Printing Office, Washington, D.C., 1983.

NOTE: In thousands of dollars.

TABLE 11.9
Benefit Operations of State-Administered Employee Retirement Systems for the U.S., Virginia, and Surrounding States: Last Month of Fiscal Year 1985-86

Recurrent Benefit Payments for the Month					Lump-Sum Survivors Benefit Payments
Total	To Retired Persons: Age or Length of Service	To Retired Persons: Disability	To Deceased Former Members		
United States	\$1,891,016	\$1,662,392	\$148,657	\$79,967	\$25,191
Virginia	26,582	22,675	3,473	434	205
Delaware	4,505	3,229	588	687	6
District of Columbia	14,725	14,707	...	18	...
Florida	44,899	38,604	3,036	3,260	99
Georgia	31,539	27,157	2,296	2,086	24

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TABLE 11.9
Benefit Operations of State-Administered Employee Retirement
Systems for the U.S., Virginia, and Surrounding States:
Last Month of Fiscal Year 1985-86, *CONTINUED*

	Total	Recurrent Benefit Payments for the Month			Lump-Sum Survivors Benefit Payments
		To Retired Persons: Age or Length of Service	To Retired Persons: Disability	To Deceased Former Members	
Kentucky	18,477	16,648	1,145	684	...
Maryland	35,328	33,621	1,463	244	291
North Carolina	35,313	35,256	50	8	1
South Carolina	15,979	13,802	1,341	836	9
Tennessee	25,028	22,660	921	1,446	1,451
West Virginia	12,938	11,573	667	699	192

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Finances of Employee-Retirement Systems of State and Local Governments in 1985-86*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In thousands of dollars.

TABLE 11.10
Membership Operations of State-Administered Employee
Retirement Systems for the U.S., Virginia, and Surrounding
States: Last Month of Fiscal Year 1985-86

	Total Membership	Beneficiaries Receiving Periodic Benefit Payments			Survivors of Deceased Former Members
		Total	Persons Retired: Age or Length of Service	Persons Retired: Disability	
United States	11,907,289	3,519,182	3,029,881	222,210	267,091
Virginia	333,323	61,692	50,581	8,008	3,103
Delaware	27,848	10,057	7,138	1,254	1,665
District of Columbia	11,601	8,889	8,884	...	5
Florida	464,683	108,872	89,593	7,833	11,446
Georgia	275,662	54,291	44,416	3,991	5,884
Kentucky	157,730	40,792	36,179	2,596	2,017
Maryland	200,036	54,252	50,973	2,055	1,224
North Carolina	346,403	72,073	71,953	91	29
South Carolina	243,884	35,230	29,381	3,213	2,636
Tennessee	200,514	60,427	53,679	2,677	4,071
West Virginia	109,697	35,190	29,992	1,794	3,404

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Finances of Employee-Retirement Systems of State and Local Governments in 1985-86*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: "Survivors of Deceased Former Members" equals number of payees.



TABLE 11.11
State and Local Government General Revenue Origin and
Allocation for the U.S., Virginia, and Surrounding States: 1985-86

	Total General Revenue	Originating Level of Government			Final Recipient Level	
		Federal	State	Local	State	Local
United States	\$641,407	17.6%	46.0%	36.4%	41.6%	58.4%
Virginia	13,235	17.2	48.0	34.8	45.6	54.4
Delaware	1,951	17.1	65.2	17.7	63.9	36.1
District of Columbia	3,450	39.0	...	61.0	...	100.0
Florida	25,729	13.5	41.2	45.2	31.4	68.6
Georgia	14,470	18.5	40.1	41.4	39.2	60.8
Kentucky	7,880	22.1	52.9	25.0	55.6	44.4
Maryland	12,488	16.7	48.6	34.7	47.5	52.5
North Carolina	13,044	18.8	51.8	29.4	45.4	54.6
South Carolina	7,014	19.3	52.9	27.8	53.3	46.7
Tennessee	9,684	22.4	41.6	36.0	46.4	53.6
West Virginia	4,317	22.7	52.8	24.5	53.4	46.6

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Government Finances in 1985-86*. U.S. Government Printing Office, Washington D.C., annual.

NOTES: For the fiscal year ending June 30, 1986.
 Total General Revenue in millions of dollars.
 Originating Level of Government. Distribution before intergovernmental transfers.
 Final Recipient Level. Distribution after intergovernmental transfers.

TABLE 11.12
State and Local Government Revenue by Level
and Type of Government, Virginia: 1985-86

	Total	State Government	Local Government
Revenue, total	\$15,634.9	\$9,963.7	\$8,146.3
General revenue, total	13,235.1	8,406.1	7,304.1
Intergovernmental revenue, total	2,275.3	2,052.7	2,697.7
From Federal Government ¹	2,275.3	1,948.9	326.4
Education	491.2	444.4	46.8
Public welfare	662.5	660.0	2.5
From State Government	(2)	...	2,371.3
Education	...	...	1,699.8
Public welfare	...	...	177.5
From Local Governments	(2)	103.8	(2)
General revenue from own sources, total	10,959.8	6,353.4	4,606.4
Taxes	8,124.7	4,846.6	3,278.1
Property	2,288.9	18.5	2,270.4
General sales	1,370.2	1,020.2	350.0
Motor fuel	307.6	307.6	...
Motor vehicle license	263.3	197.9	65.3
Income—individual and corporation	2,455.1	2,455.0	(2)
Other taxes	1,439.7	847.3	592.4
Current charges, total ¹	1,767.7	981.3	786.5
Education	660.1	550.2	110.0
Hospitals	403.7	305.4	98.3

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TABLE 11.12
State and Local Government Revenue by Level and
Type of Government, Virginia: 1985-86, *CONTINUED*

	Total	State Government	Local Government
Miscellaneous revenue, total ¹	1,067.3	525.5	541.8
Interest earnings	682.6	406.9	275.7
Insurance trust revenue, total ¹	1,565.9	1,304.4	261.6
Employee retirement	1,302.1	1,040.5	261.6
Liquor store revenue	253.2	253.2	...
Utility revenue	580.6	...	580.6

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Governmental Finances in 1985-86*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In millions of dollars.

¹Includes amounts for categories not shown separately.

²Duplicative intergovernmental transactions are excluded.

Z—Less than \$100,000.

TABLE 11.13
State and Local Government Revenues from Alcoholic Beverages
for the U.S., Virginia, and Surrounding States: 1985 and 1986

	1986 Revenue			1985 Revenue		
	Total	Taxes	Per Capita	Total	Taxes	Per Capita
United States	\$7,280.5	\$6392.3	\$30	\$7,070.4	\$9,198.3	\$30
Virginia	201.6	149.0	35	186.6	138.7	33
Delaware	5.8	5.2	9	5.7	5.2	9
District of Columbia	39.6	37.6	63	39.1	36.7	63
Florida	302.7	582.7	52	579.7	560.8	51
Georgia	290.5	265.1	48	274.9	249.9	46
Kentucky	64.7	59.8	17	64.2	59.9	17
Maryland	99.0	80.7	22	98.1	81.0	22
North Carolina	218.1	192.5	34	207.4	183.0	33
South Carolina	150.7	145.2	45	142.4	138.1	43
Tennessee	186.0	175.5	39	181.7	171.0	38
West Virginia	42.0	26.8	22	54.2	34.6	28

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In thousands of dollars, except per capita, in dollars.



TABLE 11.14
Direct General Expenditures of State and Local Governments
for the U.S., Virginia, and Surrounding States: 1985-86

	Total	Per Capita	Rank	Educa- tion	High- ways	Public Wel- fare	Public Safety	Util- ities
United States	\$718,316	\$2,980	NA	\$210,819	\$49,368	\$76,730	\$51,308	\$62,430
Virginia	14,126	2,441	44	5,102	1,354	1,010	1,151	618
Delaware	1,966	3,105	16	701	163	123	127	87
District of Columbia	4,062	6,488	2	502	92	527	516	874
Florida	29,395	2,518	39	8,214	1,899	1,830	2,741	3,725
Georgia	16,213	2,656	32	4,649	1,178	1,168	1,014	2,130
Kentucky	8,147	2,185	49	2,570	821	945	475	550
Maryland	12,966	2,905	24	3,890	1,072	1,300	1,142	499
North Carolina	15,487	2,446	43	5,322	981	1,140	953	2,437
South Carolina	8,594	2,544	38	2,713	439	605	491	1,552
Tennessee	12,708	2,646	33	3,131	926	1,050	699	2,991
West Virginia	4,795	2,499	41	1,597	506	448	164	91

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Government Finances in 1985-86*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In millions of dollars, except per capita, in dollars.
 "Rank" based on 50 states and the District of Columbia.

TABLE 11.15
Local Government Revenues by Source
for Virginia's Counties and Cities: 1987

	Total Revenue	Local Revenue	From the Commonwealth	From the Federal Government	
				Pass-Thru	Direct
Virginia	\$6,800,519.5	\$4,144,182.1	\$2,255,361.2	\$307,654.1	\$93,323.1
Counties					
Accomack	24,504.9	10,538.1	11,053.3	2,624.5	289.1
Albemarle	58,152.9	38,605.8	16,957.6	2,160.6	428.9
Alleghany	14,129.4	5,696.6	7,172.2	830.0	430.5
Amelia	7,002.4	2,994.5	3,489.4	497.9	20.6
Amherst	20,024.9	7,843.0	11,009.8	1,095.7	76.4
Appomattox	9,550.0	3,105.0	5,840.6	584.6	19.9
Arlington	259,528.3	201,699.9	45,810.6	6,041.9	5,975.9
Augusta	44,405.7	19,884.7	22,147.6	2,118.3	255.0
Bath	9,156.4	6,934.9	1,708.2	380.6	132.8
Bedford	27,921.6	10,857.1	15,375.2	1,641.4	48.0
Bland	4,637.2	1,337.8	2,905.5	355.7	38.1
Botetourt	20,303.2	9,428.2	9,803.5	960.0	111.6
Brunswick	12,069.3	4,208.3	6,616.8	1,175.3	68.8
Buchanan	42,109.1	20,156.9	17,436.3	3,328.8	1,187.1
Buckingham	9,762.5	3,697.1	4,887.3	1,118.9	59.2
Campbell	34,960.5	12,745.4	19,896.5	2,247.3	71.3
Caroline	15,394.1	5,695.1	8,495.9	1,105.8	97.3
Carroll	18,239.7	5,383.3	11,190.5	1,624.7	41.2
Charles City	7,088.2	3,190.0	3,115.4	744.0	38.9
Charlotte	9,780.8	2,927.9	5,620.2	1,194.7	38.1

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TABLE 11.15

Local Government Revenues by Source for Virginia's
Counties and Cities: 1987, *CONTINUED*

	Total Revenue	Local Revenue	From the Commonwealth	From the Federal Government	
				Pass-Thru	Direct
Chesterfield	205,839.8	121,580.7	78,030.5	5,712.0	516.7
Clarke	8,840.5	4,899.4	3,535.7	385.2	20.2
Craig	3,106.9	986.5	1,816.5	247.9	55.9
Culpeper	21,048.8	10,420.0	9,244.7	1,323.5	60.6
Cumberland	5,609.3	1,659.6	3,361.4	575.8	12.5
Dickenson	22,552.5	10,204.4	9,949.0	1,925.2	473.9
Dinwiddie	18,349.3	7,500.4	9,544.6	1,254.7	49.6
Essex	7,460.3	3,297.0	3,551.7	394.7	216.9
Fairfax	1,140,925.5	907,042.7	197,108.5	24,605.7	12,168.7
Fauquier	37,857.8	22,833.7	13,173.7	1,493.3	357.1
Floyd	8,454.4	3,268.7	4,645.9	487.7	52.1
Fluvanna	9,398.3	3,794.0	4,522.7	787.2	294.4
Franklin	26,838.7	10,460.8	14,499.8	1,816.6	61.5
Frederick	35,497.8	18,596.4	15,152.0	1,639.7	109.6
Giles	13,907.7	5,579.3	7,203.6	1,071.6	53.3
Gloucester	23,764.8	11,500.7	10,585.7	1,229.1	449.2
Goochland	11,041.6	6,225.8	4,168.0	631.9	15.8
Grayson	10,225.3	3,223.0	6,062.5	899.7	40.1
Greene	7,652.1	3,078.7	4,003.9	545.5	24.0
Greensville	12,318.1	3,846.7	7,145.3	1,289.3	36.7
Halifax	23,588.5	6,903.1	14,248.2	2,360.9	76.3
Hanover	51,760.4	29,661.9	20,410.8	1,497.7	190.0
Henrico	238,422.0	156,126.4	74,878.7	5,544.9	1,872.0
Henry	43,864.7	18,737.2	22,762.7	2,221.3	143.5
Highland	2,243.2	1,044.9	950.8	218.4	29.1
Isle of Wight	20,395.7	10,612.2	8,349.1	1,333.7	100.7
James City	32,024.4	22,184.2	8,630.5	1,094.5	115.2
King and Queen	4,805.2	2,067.1	2,230.9	497.9	9.4
King George	11,038.9	4,839.9	5,386.7	649.7	162.7
King William	7,638.7	3,907.4	3,261.6	415.1	54.6
Lancaster	7,819.4	3,921.3	3,278.9	607.4	11.9
Lee	22,381.6	5,660.8	13,287.9	2,533.5	899.4
Loudoun	92,483.4	62,434.6	26,824.4	2,378.9	845.5
Louisa	17,143.1	10,384.0	5,528.7	1,143.0	87.4
Lunenburg	9,054.6	3,250.9	5,051.5	735.8	16.3
Madison	8,263.7	3,805.4	3,850.3	568.5	39.4
Mathews	6,221.2	3,072.1	2,853.1	281.3	14.7
Mecklenburg	20,863.1	6,662.5	12,138.2	1,980.9	81.5
Middlesex	5,935.9	3,106.6	2,383.0	432.1	14.2
Montgomery	39,572.1	18,151.3	19,113.1	2,206.7	101.0
Nelson	10,667.9	5,199.5	4,633.5	773.4	61.5
New Kent	9,435.7	5,060.2	3,933.9	426.8	14.9
Northampton	11,548.8	4,359.2	5,944.9	1,206.8	37.9
Northumberland	6,815.9	3,433.8	2,850.6	522.0	9.5
Nottoway	10,813.0	3,482.7	5,969.7	1,334.9	25.7
Orange	16,150.2	7,368.6	7,672.8	1,065.3	43.5
Page	13,967.9	4,746.6	8,011.0	1,008.9	201.4
Patrick	12,005.4	4,091.3	7,090.1	791.2	32.8
Pittsylvania	42,116.2	10,370.4	27,933.8	3,614.6	197.4
Powhatan	10,031.7	4,276.7	5,123.0	615.6	16.4
Prince Edward	10,724.0	3,936.1	5,571.3	1,162.1	54.5
Prince George	24,188.0	8,671.7	12,049.4	3,291.9	175.0
Prince William	243,373.4	155,333.0	79,395.3	7,934.7	710.4
Pulaski	29,044.3	10,554.8	15,734.0	1,978.5	777.0
Rappahannock	4,770.0	2,404.2	2,023.1	311.3	31.4

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TABLE 11.15

**Local Government Revenues by Source for Virginia's
Counties and Cities: 1987, *CONTINUED***

	Total Revenue	Local Revenue	From the Commonwealth	From the Federal Government	
				Pass-Thru	Direct
Richmond	6,160.1	2,724.0	2,966.9	452.4	16.8
Roanoke	80,665.3	47,635.6	30,355.3	2,525.9	148.5
Rockbridge	13,910.5	6,449.0	6,437.7	956.1	67.7
Rockingham	39,989.6	18,326.9	19,573.4	1,953.0	136.4
Russell	25,415.6	8,299.3	14,477.7	2,046.9	591.7
Scott	18,183.6	4,925.3	11,340.5	1,847.7	70.1
Shenandoah	21,904.7	10,536.7	10,102.8	1,189.4	75.8
Smyth	23,654.1	6,271.8	15,130.2	2,128.9	123.2
Southampton	13,297.6	5,463.8	6,202.0	1,552.5	79.4
Spotsylvania	43,497.9	21,320.0	20,503.4	1,600.9	73.6
Stafford	52,131.0	26,658.7	23,289.8	1,500.4	682.1
Surry	9,011.0	6,029.9	2,191.5	666.9	122.7
Sussex	9,330.0	3,778.7	4,512.3	1,010.1	28.9
Tazewell	39,356.4	13,014.1	22,632.0	3,333.3	377.1
Warren	16,952.8	6,972.3	8,664.5	926.5	389.6
Washington	33,616.4	11,508.1	19,076.6	2,723.0	308.6
Westmoreland	10,239.2	4,556.2	4,757.9	881.4	43.6
Wise	41,213.2	15,535.2	21,983.3	3,491.9	202.7
Wythe	19,060.2	5,904.4	11,363.3	1,717.4	75.1
York	47,654.6	21,375.5	18,723.0	1,841.7	5,714.4
Cities					
Alexandria	203,221.3	160,567.2	30,733.2	6,336.5	5,584.4
Bedford	4,768.6	2,744.7	1,977.9	26.5	19.4
Bristol	21,593.6	11,324.8	8,866.0	1,047.1	355.8
Buena Vista	6,688.5	2,874.3	3,493.8	258.6	61.8
Charlottesville	55,161.4	36,608.0	14,113.4	3,616.9	823.1
Chesapeake	170,919.9	94,074.5	67,920.6	6,791.8	2,133.0
Clifton Forge	6,647.9	2,437.3	3,450.0	565.4	195.2
Colonial Heights	18,208.6	10,894.2	6,822.7	434.9	56.8
Covington	7,981.2	4,581.7	2,968.8	397.6	33.1
Danville	45,478.9	22,133.3	20,074.5	2,907.7	363.3
Emporia	4,586.7	3,267.6	1,256.5	41.6	21.1
Fairfax	32,129.5	28,370.6	3,657.3	...	101.6
Falls Church	18,172.1	15,679.6	2,322.7	138.2	31.5
Franklin	10,481.5	4,829.6	4,735.1	873.2	43.5
Fredericksburg	23,489.4	16,816.9	5,683.3	836.4	152.9
Galax	7,593.8	4,151.0	3,005.8	409.9	27.1
Hampton	148,339.8	87,582.7	50,453.7	7,170.2	3,133.2
Harrisonburg	23,222.0	15,850.4	6,507.1	744.4	120.0
Hopewell	28,270.9	15,676.9	10,683.3	1,631.4	279.4
Lexington	5,573.8	3,662.3	1,703.1	178.3	30.1
Lynchburg	77,887.2	45,288.7	27,970.0	3,474.7	1,153.8
Manassas	32,633.5	24,637.3	7,190.7	798.5	6.9
Manassas Park	8,237.1	4,420.1	3,400.6	373.1	43.2
Martinsville	19,184.9	9,016.9	8,891.8	1,169.2	106.9
Newport News	196,307.7	114,622.2	64,733.2	10,265.7	6,686.5
Norfolk	311,469.3	182,246.7	100,993.2	21,799.7	6,429.8
Norton	5,443.5	2,558.7	2,409.8	425.4	49.5
Petersburg	49,832.0	25,500.0	19,068.8	3,265.4	1,997.7
Poquoson	11,134.9	5,425.1	5,234.0	232.9	242.9
Portsmouth	137,122.0	71,381.3	53,519.4	10,050.9	2,170.3
Radford	11,876.0	6,545.0	4,670.7	561.8	98.6
Richmond	351,333.1	232,276.2	90,939.7	22,241.5	5,875.7
Roanoke	120,004.2	72,416.6	39,174.5	7,910.9	502.3

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TABLE 11.15
Local Government Revenues by Source for Virginia's
Counties and Cities: 1987, *CONTINUED*

	Total Revenue	Local Revenue	From the Commonwealth	From the Federal Government	
				Pass-Thru	Direct
Salem	28,344.7	19,126.6	8,606.2	527.5	84.4
South Boston	7,021.9	3,377.5	3,290.0	322.5	31.9
Staunton	22,233.6	13,283.6	7,641.9	1,231.5	76.6
Suffolk	52,503.2	25,896.2	21,712.6	4,272.3	623.2
Virginia Beach	409,670.2	247,890.3	138,690.2	12,684.3	10,405.4
Waynesboro	20,590.5	12,782.5	7,108.0	618.1	81.8
Williamsburg	14,814.4	11,768.1	2,714.8	276.5	55.0
Winchester	25,912.4	17,366.4	7,293.7	1,180.2	72.2
Towns					
Abingdon	1,705.4	1,273.9	413.7	...	17.9
Altavista	1,661.3	1,306.8	319.7	...	34.9
Ashland	1,587.7	1,079.0	499.6	...	9.0
Big Stone Gap	2,006.7	1,447.7	382.4	...	176.6
Blacksburg	7,036.3	5,403.1	1,564.8	0.7	67.8
Blackstone	883.0	518.2	356.4	...	8.4
Bluefield	1,389.5	974.6	391.8	11.2	11.9
Cape Charles	965.6	536.6	379.5	43.9	5.6
Christiansburg	3,317.5	2,299.3	996.4	0.7	21.0
Colonial Beach	2,437.7	1,390.3	933.4	102.5	11.4
Culpeper	2,793.0	2,114.8	649.7	...	28.5
Farmville	1,890.0	1,284.6	569.5	8.7	27.2
Fries	600.8	179.5	358.7	51.1	11.5
Front Royal	3,225.7	2,253.6	841.2	...	130.8
Herndon	7,439.2	6,542.8	878.6	...	17.8
Leesburg	5,199.1	4,504.5	680.1	...	14.4
Luray	1,171.2	770.3	390.7	...	10.2
Marion	1,991.2	1,439.4	534.3	1.0	16.5
Pulaski	4,264.1	2,332.3	841.7	23.7	1,066.4
Richlands	1,294.3	948.7	323.5	...	22.1
Rocky Mount	1,625.7	1,232.4	362.4	...	30.9
Smithfield	1,262.3	962.4	282.9	...	17.0
South Hill	1,556.6	1,046.3	486.8	6.1	17.4
Tazewell	1,025.6	740.2	274.7	...	10.7
Vienna	6,759.2	5,768.1	972.6	...	18.5
Vinton	2,526.4	1,906.9	601.5	2.2	15.8
Warrenton	2,921.4	2,504.5	401.3	...	15.6
West Point	3,830.8	2,383.6	1,358.5	79.0	9.6
Wise	1,123.3	900.8	215.8	0.4	6.3
Wytheville	3,116.7	2,146.9	938.9	...	30.9
MSAs					
Bristol (Va. portion)	75,099.0	29,032.1	39,696.7	5,617.8	752.4
Charlottesville	130,364.7	82,086.5	39,597.6	7,110.1	1,570.5
Danville	87,595.0	32,503.8	48,008.2	6,522.3	560.7
Lynchburg	134,533.9	67,183.8	59,195.9	6,817.8	1,336.4
Norfolk	1,555,725.2	895,947.6	543,910.9	77,709.5	38,158.2
Northern Virginia	2,102,232.6	1,603,659.1	422,264.5	50,108.0	26,201.0
Richmond	1,025,388.9	627,720.0	339,268.3	47,292.7	11,107.9
Roanoke	251,843.9	150,513.9	88,541.0	11,926.5	862.6
Planning Districts					
LENOWISCO	90,351.9	31,028.6	49,619.7	8,299.0	1,404.6
Cumberland Plateau	133,143.0	54,338.2	65,485.0	10,645.4	2,674.4
Mount Rogers	146,034.5	54,143.9	79,846.1	10,958.5	1,086.0

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TABLE 11.15
Local Government Revenues by Source for Virginia's
Counties and Cities: 1987, *CONTINUED*

	Total Revenue	Local Revenue	From the Commonwealth	From the Federal Government	
				Pass-Thru	Direct
New River Valley	117,472.5	54,133.7	54,770.1	6,331.5	2,237.1
Fifth	283,709.3	164,216.0	103,948.6	13,967.4	1,577.3
Central Shenandoah	188,013.9	101,093.5	77,271.7	8,657.4	991.3
Lord Fairfax	127,472.9	66,141.9	53,991.5	6,329.9	1,009.7
Northern Virginia	2,050,101.6	1,577,000.5	398,974.7	48,607.6	25,518.9
Rappahannock-Rapidan	93,804.9	51,451.2	37,015.6	4,761.9	576.1
Thomas Jefferson	158,175.7	97,670.1	49,759.8	9,026.5	1,719.4
Central Virginia	176,774.0	83,890.6	82,389.5	9,070.2	1,423.7
West Piedmont	191,144.4	76,042.3	101,615.1	12,520.6	936.3
Southside	65,099.4	22,197.7	36,780.1	5,845.6	276.0
Piedmont	65,519.7	23,751.8	34,876.7	6,628.7	262.5
Richmond Regional	886,540.1	559,476.8	281,099.6	37,414.3	8,549.4
RADCO	145,551.3	75,330.5	63,359.0	5,693.3	1,168.6
Northern Neck	33,472.1	16,025.6	14,787.6	2,565.7	93.2
Middle Peninsula	59,656.9	29,334.5	26,224.5	3,329.3	768.6
Crater	174,094.7	85,166.0	73,274.3	12,886.4	2,767.9
Southeastern Virginia	1,127,121.7	643,357.0	402,405.1	59,358.4	22,002.2
Peninsula	450,275.9	262,957.8	150,489.2	20,881.4	15,947.4
Accomack-Norhampton	37,019.4	15,433.9	17,377.7	3,875.2	332.6

SOURCE: Commonwealth of Virginia, Auditor of Public Accounts, *Comparative Report of Local Government Revenues and Expenditures Year Ended June 30, 1987*. Richmond, Virginia, annual.

NOTES: In thousands of dollars.
 Data for towns are included in state, metropolitan statistical area (MSA), and planning district (PDs) totals.
 A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
 A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 11.16A
Local Government Revenue by Source for
Virginia's Counties and Cities: 1982

	Total Revenue	Total General Revenue	Intergovernmental Revenue	
			From Federal Government	From State Government
Virginia	\$5,559,080	\$5,061,907	\$376,566	\$1,599,889
Counties				
Accomack	20,069	19,778	819	9,554
Albemarle	45,856	44,492	5,852	12,928
Alleghany	12,163	11,586	272	5,310
Amelia	4,304	4,304	222	2,433
Amherst	15,091	14,498	476	7,864
Appomattox	7,261	7,175	211	4,305
Arlington	216,960	191,173	20,311	36,104
Augusta	31,281	31,267	2,141	15,032

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TABLE 11.16A

Local Government Revenue by Source for Virginia's
Counties and Cities: 1982, *CONTINUED*

	Total Revenue	Total General Revenue	Intergovernmental Revenue	
			From Federal Government	From State Government
Bath	4,977	4,977	553	1,600
Bedford	19,355	19,355	339	10,818
Bland	3,102	3,102	305	1,861
Botetourt	14,042	13,838	861	7,096
Brunswick	9,845	9,677	749	5,559
Buchanan	38,470	38,301	936	14,484
Buckingham	6,832	6,806	405	4,390
Campbell	27,519	27,071	892	14,536
Caroline	10,492	10,435	305	6,197
Carroll	13,783	13,619	519	8,714
Charles City	5,073	5,073	656	2,167
Charlotte	6,635	6,542	263	4,384
Chesterfield	137,008	131,750	3,383	42,060
Clarke	5,767	5,618	90	2,450
Craig	2,447	2,447	422	1,388
Culpeper	20,137	18,383	2,533	6,464
Cumberland	4,117	4,117	76	3,008
Dickenson	17,486	17,263	490	7,623
Dinwiddie	14,100	13,959	386	7,739
Essex	5,738	5,635	316	2,473
Fairfax	851,166	797,361	40,116	153,570
Fauquier	26,780	26,450	819	9,315
Floyd	5,509	5,509	487	2,756
Fluvanna	6,422	6,349	106	3,019
Franklin	18,929	18,575	585	10,303
Frederick	22,810	22,703	431	9,702
Giles	12,683	12,376	421	6,606
Gloucester	11,801	11,597	304	5,428
Goochland	6,895	6,895	154	3,230
Grayson	8,435	8,423	383	5,078
Greene	4,719	4,719	362	2,925
Greensville	8,258	8,217	732	5,086
Halifax	18,862	18,770	2,100	11,640
Hanover	34,121	32,573	916	13,423
Henrico	165,731	159,261	6,878	45,764
Henry	31,492	31,492	658	17,272
Highland	1,722	1,701	84	850
Isle of Wight	14,544	14,312	523	6,789
James City	17,701	17,448	969	2,617
King and Queen	3,182	3,182	73	1,751
King George	5,891	5,810	177	3,392
King William	7,963	7,857	179	3,287
Lancaster	5,589	5,526	116	2,652
Lee	15,896	15,617	407	11,008
Loudoun	57,427	56,464	1,484	16,130
Louisa	13,172	13,054	434	4,657
Lunenburg	7,173	6,945	365	4,169
Madison	5,372	5,343	162	2,961
Mathews	3,992	3,992	70	1,830
Mecklenburg	18,110	17,344	1,811	9,400
Middlesex	4,794	4,757	132	2,299
Montgomery	37,379	35,778	1,790	15,700
Nelson	7,677	7,677	227	4,167
New Kent	5,963	5,963	317	2,630
Northampton	33,193	33,078	1,233	5,405

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TABLE 11.16A

**Local Government Revenue by Source for Virginia's
Counties and Cities: 1982, *CONTINUED***

	Total Revenue	Total General Revenue	Intergovernmental Revenue	
			From Federal Government	From State Government
Northumberland	5,213	5,213	94	2,466
Nottoway	11,058	8,827	322	4,920
Orange	12,139	11,689	393	5,472
Page	12,674	12,210	1,691	5,817
Patrick	8,798	8,798	215	5,217
Pittsylvania	31,641	31,448	704	20,701
Powhatan	6,112	6,112	148	3,492
Prince Edward	8,792	8,497	400	4,647
Prince George	15,009	14,958	1,862	7,852
Prince William	159,861	144,577	9,640	45,617
Pulaski	23,359	22,175	1,234	11,786
Rappahannock	2,957	2,948	101	1,495
Richmond	4,240	4,171	167	2,157
Roanoke	57,017	55,322	2,216	19,257
Rockbridge	10,690	10,402	961	4,743
Rockingham	33,059	31,352	873	14,424
Russell	24,395	24,203	1,552	11,412
Scott	14,219	14,117	716	8,649
Shenandoah	16,484	15,663	441	6,932
Smyth	20,366	19,674	1,932	11,020
Southampton	10,893	10,816	512	6,177
Spotsylvania	26,281	25,327	448	12,558
Stafford	33,751	30,982	1,348	13,265
Surry	6,601	6,591	184	2,192
Sussex	8,421	7,749	449	4,324
Tazewell	36,235	32,908	1,393	16,479
Warren	19,026	14,798	1,241	6,572
Washington	25,999	25,961	1,072	15,325
Westmoreland	10,467	10,342	1,194	4,909
Wise	38,312	36,634	1,854	15,860
Wythe	15,243	14,804	648	8,225
York	31,913	31,845	5,249	10,919
Cities				
Alexandria	150,231	150,231	13,680	23,235
Bedford	10,875	3,639	478	600
Bristol	36,651	18,148	879	5,628
Buena Vista	4,596	4,363	516	1,578
Charlottesville	52,647	38,919	2,905	10,429
Chesapeake	137,581	131,386	6,123	45,076
Clifton Forge	4,385	4,189	598	1,591
Colonial Heights	14,407	13,250	478	4,921
Covington	6,554	6,171	231	2,309
Danville	88,268	35,749	3,584	13,893
Emporia	3,367	3,125	118	579
Fairfax	28,122	24,882	498	2,885
Falls Church	18,923	13,640	267	1,692
Franklin	8,946	4,394	270	684
Fredericksburg	14,477	13,584	1,010	3,862
Galax	5,655	5,205	406	1,870
Hampton	112,107	110,113	11,191	38,887
Harrisonburg	25,955	13,494	845	2,968
Hopewell	41,893	41,893	1,420	6,879
Lexington	4,707	3,653	189	1,186
Lynchburg	68,289	64,739	4,857	18,762
Manassas	25,832	18,247	562	4,077

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TABLE 11.16A
Local Government Revenue by Source for Virginia's
Counties and Cities: 1982, *CONTINUED*

	Total Revenue	Total General Revenue	Intergovernmental Revenue	
			From Federal Government	From State Government
Manassas Park	9,701	9,405	138	2,597
Martinsville	24,401	15,394	1,308	4,978
Newport News	160,752	139,058	13,267	44,944
Norfolk	335,116	303,231	19,985	94,407
Norton	4,216	3,825	196	1,451
Petersburg	75,476	73,098	1,248	14,372
Poquoson	7,065	7,065	804	3,127
Portsmouth	127,889	118,687	14,527	35,689
Radford	14,864	7,001	446	3,051
Richmond	387,303	297,178	27,160	75,198
Roanoke	121,262	115,005	9,633	32,845
Salem	29,699	17,540	569	2,395
South Boston	5,946	5,065	331	2,141
Staunton	17,175	16,058	1,894	5,021
Suffolk	37,168	37,037	5,106	16,483
Virginia Beach	324,389	310,979	51,969	82,241
Waynesboro	13,646	13,166	919	4,091
Williamsburg	17,316	15,855	1,291	6,495
Winchester	18,920	17,774	608	4,539
MSAs				
Bristol (Va. portion)	76,869	58,226	2,667	29,602
Charlottesville	109,644	94,479	9,225	29,301
Danville	119,909	67,197	4,288	34,594
Lynchburg	110,899	106,308	6,225	41,162
Norfolk	1,320,798	1,234,301	150,785	386,313
Northern Virginia	1,551,974	1,436,962	88,044	299,172
Richmond	909,091	801,963	47,006	229,727
Roanoke	222,020	201,705	13,279	61,593
Planning Districts				
LENOWISCO	72,643	70,193	3,173	36,968
Cumberland Plateau	116,586	112,675	4,371	49,998
Mount Rogers	129,234	108,936	6,144	57,721
New River Valley	93,794	82,839	4,378	39,899
Fifth	247,569	226,098	14,802	72,191
Central Shenandoah	147,808	130,433	8,975	51,493
Lord Fairfax	95,681	88,766	4,502	36,012
Northern Virginia	1,518,223	1,405,980	86,696	285,907
Rappahannock-Rapidan	67,385	64,813	4,028	25,707
Thomas Jefferson	130,493	115,210	9,886	38,125
Central Virginia	148,390	136,477	7,253	56,885
West Piedmont	203,529	141,456	7,054	72,364
Southside	52,763	50,856	4,991	28,740
Piedmont	48,911	46,038	2,053	27,951
Richmond Regional	748,206	644,805	39,612	187,964
RADCO	90,892	86,138	3,288	39,274
Northern Neck	25,509	25,252	1,571	12,184

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**TABLE 11.16A**

**Local Government Revenue by Source for Virginia's
Counties and Cities: 1982, CONTINUED**

	Total Revenue	Total General Revenue	Intergovernmental Revenue	
			From Federal Government	From State Government
Middle Peninsula	37,470	37,020	1,074	17,068
Crater	187,532	182,840	8,877	53,944
Southeastern Virginia	996,526	930,842	119,015	287,546
Peninsula	346,854	321,384	32,771	106,989
Accomack-Norhampton	53,262	52,856	2,052	14,959

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Governments. *Compendium of Government Finances*. U.S. Government Printing Office, Washington, D.C., 1984.

NOTES: In thousands of dollars.

"Total General Revenue" excludes duplicative intergovernmental transactions.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 11.16B

**Local Government Revenue by Source for
Virginia's Counties and Cities: 1982, Continued**

	General Revenue From Own Sources				
	Taxes		Charges & Miscellaneous General Revenue	Utility Revenue	Liquor Store & Insurance Trust Revenue
	Total	Property			
Virginia	\$2,274,450	\$1,570,959	\$811,002	\$438,484	\$58,689
Counties					
Accomack	5,981	4,073	3,424	291	...
Albemarle	19,747	13,147	5,965	1,364	...
Alleghany	3,293	2,545	2,711	577	...
Amelia	1,364	1,048	285	...	...
Amherst	4,689	3,429	1,469	593	...
Appomattox	2,005	1,581	654	86	...
Arlington	115,281	82,824	19,477	18,792	6,995
Augusta	10,185	6,986	3,909	14	...
Bath	2,179	1,716	645	...	...
Bedford	5,810	4,995	2,388	...	...
Bland	769	642	167	...	...
Botetourt	4,786	4,000	1,095	204	...
Brunswick	3,004	2,212	365	168	...
Buchanan	19,678	6,626	3,203	169	...
Buckingham	1,668	1,168	343	26	...
Campbell	8,842	7,231	2,801	448	...
Caroline	3,195	2,219	738	57	...
Carroll	3,412	2,715	974	164	...
Charles City	2,094	1,876	156	...	...
Charlotte	1,495	1,143	400	93	...

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TABLE 11.16B
Local Government Revenue by Source for
Virginia's Counties and Cities: 1982, *CONTINUED*

General Revenue From Own Sources					
	Taxes		Charges & Miscellaneous General Revenue	Utility Revenue	Liquor Store & Insurance Trust Revenue
	Total	Property			
Chesterfield	59,675	47,191	26,632	5,258	...
Clarke	2,582	2,080	496	149	...
Craig	542	449	95	...	...
Culpeper	7,323	5,388	2,063	1,754	...
Cumberland	679	543	354	...	...
Dickenson	7,840	3,319	1,310	223	...
Dinwiddie	4,914	4,068	920	141	...
Essex	2,574	1,845	272	103	...
Fairfax	470,583	377,490	133,092	25,022	28,783
Fauquier	13,874	10,933	2,442	330	...
Floyd	1,873	1,295	393	...	...
Fluvanna	2,844	2,588	380	73	...
Franklin	5,804	3,661	1,883	354	...
Frederick	9,657	7,364	2,913	107	...
Giles	4,249	3,537	1,100	307	...
Gloucester	5,241	3,541	624	204	...
Goochland	3,116	2,539	395	...	...
Grayson	2,005	1,329	957	12	...
Greene	1,273	949	159	...	...
Greensville	1,830	1,307	569	41	...
Halifax	4,302	2,900	758	92	...
Hanover	15,234	11,642	3,000	1,548	...
Henrico	80,269	53,751	26,350	6,470	...
Henry	10,724	7,452	2,838	...	...
Highland	650	548	117	21	...
Isle of Wight	6,011	4,880	989	232	...
James City	11,292	8,841	2,570	253	...
King and Queen	1,285	1,168	73	...	...
King George	1,856	1,359	385	81	...
King William	3,701	2,903	690	106	...
Lancaster	2,235	1,579	523	63	...
Lee	3,547	2,694	655	279	...
Loudoun	33,204	27,112	5,646	783	...
Louisa	6,464	5,758	1,499	118	...
Lunenburg	1,931	1,569	480	228	...
Madison	1,903	1,316	297	29	...
Mathews	1,800	1,516	292	...	...
Mecklenburg	4,976	3,203	1,157	766	...
Middlesex	2,054	1,668	272	37	...
Montgomery	13,836	9,726	4,452	1,601	...
Nelson	2,833	2,153	450	...	...
New Kent	2,723	2,216	293	...	...
Northampton	3,366	2,518	23,074	115	...
Northumberland	2,347	2,014	306	...	...
Nottoway	2,820	1,999	765	2,231	...
Orange	4,941	3,902	883	450	...
Page	3,534	2,789	1,168	464	...
Patrick	2,379	1,900	987	...	...
Pittsylvania	6,760	5,424	3,283	193	...
Powhatan	2,012	1,594	460	...	...
Prince Edward	2,980	1,500	470	295	...
Prince George	3,699	2,731	1,545	51	...
Prince William	71,800	59,639	17,520	15,284	...

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TABLE 11.16B
Local Government Revenue by Source for
Virginia's Counties and Cities: 1982, *CONTINUED*

General Revenue From Own Sources					
	Taxes		Charges & Miscellaneous General Revenue	Utility Revenue	Liquor Store & Insurance Trust Revenue
	Total	Property			
Pulaski	6,672	4,754	2,483	1,184	...
Rappahannock	1,119	775	233	9	...
Richmond	1,581	1,142	266	69	...
Roanoke	25,973	20,940	7,876	1,695	...
Rockbridge	3,869	2,622	829	288	...
Rockingham	11,554	7,816	4,501	1,707	...
Russell	5,872	3,813	5,367	192	...
Scott	3,364	2,234	1,388	102	...
Shenandoah	6,950	5,221	1,340	821	...
Smyth	4,764	3,202	1,958	692	...
Southampton	3,116	2,687	1,011	77	...
Spotsylvania	9,718	7,185	2,603	954	...
Stafford	14,146	12,273	2,223	2,769	...
Surry	3,870	3,728	345	10	...
Sussex	2,571	2,139	405	672	...
Tazewell	11,989	7,230	3,047	3,327	...
Warren	5,266	4,002	1,719	4,228	...
Washington	7,703	5,628	1,861	38	...
Westmoreland	3,412	2,877	827	125	...
Wise	15,280	4,682	3,640	1,678	...
Wythe	4,767	3,027	1,164	439	...
York	11,134	9,066	4,543	68	...
Cities					
Alexandria	95,520	70,162	17,796	...	...
Bedford	1,721	1,127	840	7,236	...
Bristol	7,593	4,097	4,048	18,503	...
Buena Vista	1,685	1,048	584	233	...
Charlottesville	20,751	12,324	4,834	13,194	534
Chesapeake	45,222	28,670	34,965	6,195	...
Clifton Forge	1,544	932	456	196	...
Colonial Heights	6,648	4,914	1,203	1,157	...
Covington	3,014	1,558	617	383	...
Danville	10,592	5,883	7,680	51,053	1,466
Emporia	2,005	914	423	242	...
Fairfax	17,553	11,206	3,946	2,679	561
Falls Church	8,724	5,259	2,957	5,283	...
Franklin	2,219	1,339	1,221	4,552	...
Fredericksburg	7,256	4,544	1,456	893	...
Galax	2,489	1,440	440	450	...
Hampton	50,622	32,040	9,413	1,994	...
Harrisonburg	6,516	2,939	3,165	12,461	...
Hopewell	10,432	7,710	23,162	...	...
Lexington	2,072	1,237	206	1,054	...
Lynchburg	32,093	16,796	9,027	3,550	...
Manassas	10,056	7,533	3,552	7,585	...
Manassas Park	2,476	2,025	4,194	296	...
Martinsville	6,334	3,599	2,774	9,007	...
Newport News	62,125	43,449	18,722	15,859	5,835
Norfolk	113,214	56,247	55,625	25,793	6,092
Norton	1,772	874	406	391	...
Petersburg	18,204	11,328	37,274	2,378	...
Poquoson	2,490	1,937	644	...	...
Portsmouth	41,289	23,310	27,182	7,199	2,003

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TABLE 11.16B
Local Government Revenue by Source for
Virginia's Counties and Cities: 1982, *CONTINUED*

	General Revenue From Own Sources				
	Taxes		Charges & Miscellaneous General Revenue	Utility Revenue	Liquor Store & Insurance Trust Revenue
	Total	Property			
Radford	2,702	1,741	802	7,863	...
Richmond	146,343	85,622	48,477	86,448	3,677
Roanoke	49,169	29,046	23,358	3,514	2,743
Salem	11,276	7,664	3,300	12,159	...
South Boston	2,417	1,206	176	881	...
Staunton	7,196	4,203	1,947	1,117	...
Suffolk	13,279	8,256	2,169	131	...
Virginia Beach	112,505	61,277	64,264	13,410	...
Waynesboro	6,842	4,343	1,314	480	...
Williamsburg	6,722	2,331	1,347	1,461	...
Winchester	9,655	6,030	2,972	1,146	...
MSAs					
Bristol (Va. portion)	18,660	11,959	7,297	18,643	...
Charlottesville	44,615	29,008	11,338	14,631	534
Danville	17,352	11,307	10,963	51,246	1,466
Lynchburg	45,624	27,456	13,297	4,591	...
Norfolk	475,135	279,165	222,068	72,567	13,930
Northern Virginia	839,343	655,523	210,403	78,493	36,339
Richmond	355,363	237,182	169,867	103,451	3,677
Roanoke	91,204	61,650	35,629	17,572	2,743
Planning Districts					
LENOWISCO	23,963	10,484	6,089	2,450	...
Cumberland Plateau	45,379	20,988	12,927	3,911	...
Mount Rogers	33,502	22,080	11,569	20,298	...
New River Valley	29,332	21,053	9,230	10,955	...
Fifth	99,597	67,134	39,508	18,728	2,743
Central Shenandoah	52,748	33,458	17,217	17,375	...
Lord Fairfax	37,644	27,486	10,608	6,915	...
Northern Virginia	825,197	643,250	208,180	75,724	36,339
Rappahannock-Rapidan	29,160	22,314	5,918	2,572	...
Thomas Jefferson	53,912	36,919	13,287	14,749	534
Central Virginia	55,160	35,159	17,179	11,913	...
West Piedmont	42,593	27,919	19,445	60,607	1,466
Southside	14,699	9,521	2,456	1,907	...
Piedmont	12,937	8,970	3,097	2,873	...
Richmond Regional	311,466	206,431	105,763	99,724	3,677
RADCO	36,171	27,580	7,405	4,754	...
Northern Neck	9,575	7,612	1,922	257	...
Middle Peninsula	16,655	12,641	2,223	450	...
Crater	54,173	38,839	65,846	4,692	...
Southeastern Virginia	336,855	186,866	187,426	57,589	8,095
Peninsula	144,385	97,664	37,239	19,635	5,835
Accomack-Norhampton	9,347	6,591	26,498	406	...

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Governments. *Compendium of Government Finances*. U.S. Government Printing Office, Washington, D.C., 1984.

NOTES: In thousands of dollars.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.



TABLE 11.17A

Local Government Revenue from Taxes and Other Sources for Virginia's Counties and Cities: 1987

	Total Local Revenue	General Property Taxes				
		Total	Real Property	Public Service Corporations	Personal Property	Other
Virginia	\$4,144,181.1	\$2,505,175.1	\$1,740,662.6	\$118,816.6	\$547,222.0	\$98,474.0
Counties						
Accomack	10,538.1	7,048.8	4,142.4	357.2	2,157.7	391.5
Albemarle	38,605.8	23,827.0	15,875.6	888.9	5,919.2	1,143.2
Alleghany	5,696.6	3,968.5	1,682.0	213.7	820.4	1,252.4
Amelia	2,994.5	1,892.6	1,208.2	75.3	459.1	149.9
Amherst	7,843.0	4,437.4	2,743.1	238.5	1,092.9	363.0
Appomattox	3,105.0	2,256.8	1,334.3	212.1	522.0	188.5
Arlington	201,699.9	134,159.4	101,799.3	5,142.2	25,708.7	1,509.3
Augusta	19,884.7	10,547.4	6,991.2	615.5	2,293.2	647.5
Bath	6,934.9	6,123.2	649.0	5,323.9	142.8	7.5
Bedford	10,857.1	8,161.2	5,482.3	688.5	1,502.5	487.8
Bland	1,337.8	891.7	664.4	51.8	134.2	41.2
Botetourt	9,428.2	6,428.6	3,700.1	520.6	1,431.9	776.0
Brunswick	4,208.3	2,788.6	1,474.9	114.6	937.9	261.2
Buchanan	20,156.9	8,421.3	4,855.9	379.2	961.3	2,224.9
Buckingham	3,697.1	2,502.1	1,720.8	184.6	511.8	85.0
Campbell	12,745.4	8,476.8	3,915.9	475.7	2,658.0	1,427.1
Caroline	5,695.1	3,822.7	2,382.8	283.1	930.5	226.2
Carroll	5,383.3	3,271.7	2,124.6	...	932.9	214.2
Charles City	3,190.0	2,453.8	1,671.0	150.5	503.4	128.9
Charlotte	2,927.9	1,845.8	1,137.8	162.0	442.4	103.5
Chesterfield	121,580.7	84,162.7	54,626.2	6,214.5	20,357.7	2,964.3
Clarke	4,899.4	3,672.8	2,456.9	123.4	1,007.1	85.5
Craig	986.5	700.9	503.9	37.8	130.1	29.1
Culpeper	10,420.0	6,808.5	3,983.4	362.6	1,615.1	847.4
Cumberland	1,659.6	1,005.2	502.2	96.0	372.3	34.8
Dickenson	10,204.4	4,998.1	2,414.7	201.5	619.3	1,762.6
Dinwiddie	7,500.4	5,210.2	2,886.7	448.4	1,663.6	211.4
Essex	3,297.0	2,261.7	1,363.0	51.3	726.1	121.2
Fairfax	907,042.7	606,854.7	461,909.3	13,198.8	125,193.1	6,553.6
Fauquier	22,833.7	15,789.7	10,207.6	665.9	4,389.5	526.6
Floyd	3,268.7	2,045.5	1,591.4	113.4	273.5	67.2
Fluvanna	3,794.0	2,868.6	1,546.6	514.8	713.1	94.1
Franklin	10,460.8	5,971.0	4,159.3	259.4	1,191.6	360.8
Frederick	18,596.4	11,083.6	5,700.8	518.8	3,503.8	1,360.2
Giles	5,579.3	3,901.4	1,629.6	457.5	876.7	937.5
Gloucester	11,500.7	7,185.0	5,353.5	197.9	1,566.6	67.0
Goochland	6,225.8	4,469.6	2,746.4	208.0	1,331.4	183.7
Grayson	3,223.0	1,803.7	1,415.4	76.3	189.6	122.5
Greene	3,078.7	2,166.3	1,479.3	94.1	516.1	76.8
Greensville	3,846.7	2,224.5	937.6	90.1	813.2	383.5
Halifax	6,903.1	3,712.9	1,836.3	203.5	1,046.5	626.6
Hanover	29,661.9	18,670.4	9,850.7	789.8	6,797.4	1,232.5
Henrico	156,126.4	89,957.8	60,166.3	2,956.1	26,448.7	386.7
Henry	18,737.2	9,207.2	5,290.8	340.6	1,438.5	2,137.3
Highland	1,044.9	821.0	630.8	71.0	104.2	15.0
Isle of Wight	10,612.2	7,701.4	3,082.5	268.1	1,967.6	2,383.2
James City	22,184.2	14,797.3	8,414.0	358.1	3,155.4	2,869.7
King and Queen	2,067.1	1,618.6	1,243.6	66.9	222.4	85.7
King George	4,839.9	3,198.7	2,159.4	141.9	759.4	138.0
King William	3,907.4	2,727.8	1,490.4	161.3	719.5	356.6

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TABLE 11.17A

Local Government Revenue from Taxes and Other Sources
for Virginia's Counties and Cities: 1987, *CONTINUED*

	Total Local Revenue	General Property Taxes				
		Total	Real Property	Public Service Corporations	Personal Property	Other
Lancaster	3,921.3	2,743.6	1,810.9	76.5	729.6	126.6
Lee	5,660.8	3,278.8	2,233.8	278.5	456.9	309.5
Loudoun	62,434.6	45,418.1	34,020.3	1,625.6	8,950.0	822.2
Louisa	10,384.0	8,692.1	1,778.3	6,273.2	530.1	110.6
Lunenburg	3,250.9	2,238.3	1,425.1	112.6	570.7	130.0
Madison	3,805.4	2,658.3	1,935.2	118.0	516.5	88.6
Mathews	3,072.1	2,165.9	1,497.6	58.2	564.6	45.4
Mecklenburg	6,662.5	4,055.5	2,384.4	222.8	980.8	467.6
Middlesex	3,106.6	2,088.4	1,310.8	61.6	651.1	64.9
Montgomery	18,151.3	12,182.9	8,313.1	876.6	1,986.5	1,006.7
Nelson	5,199.5	3,724.6	2,841.5	244.4	564.0	74.7
New Kent	5,060.2	3,859.4	2,674.5	211.3	794.0	179.6
Northampton	4,359.2	2,896.5	1,947.6	195.0	613.8	130.1
Northumberland	3,433.8	2,689.0	2,018.0	70.1	510.6	90.2
Nottoway	3,482.7	2,190.0	1,132.4	168.4	730.8	158.4
Orange	7,368.6	5,331.5	3,179.8	469.9	1,341.7	340.2
Page	4,746.6	2,859.5	1,990.3	112.1	573.8	183.3
Patrick	4,091.3	2,494.1	1,511.6	74.9	654.9	252.8
Pittsylvania	10,370.4	6,475.9	3,543.8	438.4	1,512.7	981.0
Powhatan	4,276.7	3,061.5	2,237.6	222.5	481.7	119.7
Prince Edward	3,936.1	2,111.7	1,201.1	197.3	547.3	166.0
Prince George	8,671.7	5,015.4	3,088.5	266.0	1,565.6	95.3
Prince William	155,333.0	105,103.8	78,170.9	7,310.0	18,368.1	1,254.8
Pulaski	10,554.8	7,208.5	4,823.2	381.6	990.5	1,013.3
Rappahannock	2,404.2	1,612.8	1,239.3	62.5	285.1	25.9
Richmond	2,724.0	1,740.0	943.0	95.2	668.6	33.2
Roanoke	47,635.6	33,441.7	22,882.1	967.1	8,476.3	1,116.2
Rockbridge	6,449.0	3,711.9	2,025.0	247.6	1,194.9	244.4
Rockingham	18,326.9	10,522.1	6,546.4	385.9	2,451.0	1,138.8
Russell	8,299.3	4,485.4	2,541.7	902.9	976.3	64.5
Scott	4,925.3	2,546.5	1,913.7	204.7	261.5	166.5
Shenandoah	10,536.7	7,142.3	4,503.3	270.7	1,505.9	862.4
Smyth	6,271.8	3,773.7	2,589.2	277.4	547.7	359.5
Southampton	5,463.8	3,884.6	1,882.0	114.8	1,610.7	277.2
Spotsylvania	21,320.0	11,644.9	7,937.7	485.2	2,573.3	648.7
Stafford	26,658.7	18,567.0	14,067.6	759.4	3,277.0	463.1
Surry	6,029.9	5,404.3	888.9	4,117.0	374.7	23.7
Sussex	3,778.7	2,673.0	1,258.5	128.6	897.2	388.7
Tazewell	13,014.1	8,153.5	4,555.7	317.0	1,999.2	1,281.7
Warren	6,972.3	4,427.8	2,595.9	153.8	1,433.4	244.7
Washington	11,508.1	7,398.5	5,209.1	269.1	1,051.9	868.4
Westmoreland	4,556.2	3,369.9	2,451.8	128.9	629.8	159.4
Wise	15,535.2	5,490.5	2,116.2	253.2	936.6	2,184.5
Wythe	5,904.4	3,395.8	2,021.9	254.6	813.6	305.6
York	21,375.5	13,992.7	7,338.2	2,043.4	3,206.4	804.6
Cities						
Alexandria	160,567.2	109,586.2	84,522.4	5,147.4	18,241.7	1,674.7
Bedford	2,744.7	1,585.0	1,014.7	41.3	511.1	17.9
Bristol	11,324.8	5,261.3	4,042.4	88.2	1,079.8	50.8
Buena Vista	2,874.3	1,483.2	917.6	68.3	356.9	140.5
Charlottesville	36,608.0	16,239.8	11,946.3	916.4	2,956.2	420.9
Chesapeake	94,074.5	55,662.9	36,207.5	4,038.4	14,089.9	1,327.1
Clifton Forge	2,437.3	1,147.6	772.9	134.1	224.5	16.1

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TABLE 11.17A

**Local Government Revenue from Taxes and Other Sources
for Virginia's Counties and Cities: 1987, *CONTINUED***

General Property Taxes

	Total Local Revenue	Total	Real Property	Public Service Corporations	Personal Property	Other
Colonial Heights	10,894.2	6,584.4	4,786.3	254.7	1,323.2	220.2
Covington	4,581.7	2,153.1	979.3	78.9	407.4	687.5
Danville	22,133.3	8,810.1	5,326.8	223.4	3,017.4	242.6
Emporia	3,267.6	1,443.7	761.0	100.1	578.7	3.9
Fairfax	28,370.6	15,864.1	12,166.3	654.6	2,965.4	77.8
Falls Church	15,679.6	8,454.2	6,148.1	122.6	1,873.9	309.5
Franklin	4,829.6	2,024.7	1,363.1	45.2	544.6	71.8
Fredericksburg	16,816.9	8,283.2	5,908.7	395.1	1,832.0	147.5
Galax	4,151.0	1,874.4	1,243.3	78.6	214.9	337.6
Hampton	87,582.7	46,526.8	32,673.5	1,444.8	11,741.4	667.1
Harrisonburg	15,850.4	6,578.2	4,696.5	169.5	1,688.8	23.3
Hopewell	15,676.9	10,040.0	5,099.5	389.4	1,251.3	3,299.8
Lexington	3,662.3	1,813.8	1,210.3	82.7	488.3	32.5
Lynchburg	45,288.7	22,175.0	15,034.9	1,095.2	4,188.7	1,856.2
Manassas	24,637.3	16,389.8	10,961.2	363.7	2,228.7	2,836.2
Manassas Park	4,420.1	3,040.7	2,513.3	60.3	414.5	52.6
Martinsville	9,016.9	4,283.8	2,741.5	139.8	1,344.5	58.0
Newport News	114,622.2	66,612.9	45,120.4	2,084.5	14,899.8	4,508.2
Norfolk	182,246.7	87,891.9	58,640.7	4,358.7	22,531.2	2,361.4
Norton	2,558.7	985.9	601.0	152.8	190.3	41.8
Petersburg	25,500.0	13,279.0	9,358.9	926.4	2,777.9	215.8
Poquoson	5,425.1	3,662.7	2,711.2	53.6	859.8	38.0
Portsmouth	71,381.3	36,226.6	24,954.6	1,040.2	8,735.3	1,496.5
Radford	6,545.0	2,495.8	1,675.9	132.0	442.3	245.5
Richmond	232,276.2	122,954.5	85,853.1	8,526.5	19,776.5	8,798.5
Roanoke	72,416.6	37,420.7	24,652.3	2,196.2	10,226.0	346.2
Salem	19,126.6	10,702.3	6,490.7	304.8	2,795.8	1,111.0
South Boston	3,377.5	1,785.1	1,215.5	98.4	404.6	66.6
Staunton	13,283.6	6,891.2	5,025.4	334.2	1,457.9	73.7
Suffolk	25,895.2	15,006.7	9,488.7	851.7	4,529.9	136.4
Virginia Beach	247,890.3	134,996.9	93,994.5	2,432.8	36,581.6	1,988.0
Waynesboro	12,782.5	7,150.4	4,393.6	218.1	1,394.5	1,144.2
Williamsburg	11,768.1	3,337.6	2,282.1	102.5	315.5	637.5
Winchester	17,366.4	8,318.1	5,340.1	226.8	2,226.8	524.4
Towns						
Abingdon	1,273.9	598.0	488.5	34.9	46.9	27.6
Altavista	1,306.8	770.8	302.7	26.4	141.8	300.0
Ashland	1,079.0	278.4	151.2	18.0	92.9	18.2
Big Stone Gap	1,447.7	494.3	369.6	30.2	76.6	17.8
Blacksburg	5,403.1	1,453.8	1,400.1	52.7	...	1.0
Blackstone	518.2	109.6	74.7	...	33.8	1.1
Bluefield	974.6	390.7	280.2	15.0	92.1	3.4
Cape Charles	536.6	244.7	146.3	10.4	78.7	9.2
Christiansburg	2,299.3	554.5	369.2	21.1	132.9	31.2
Colonial Beach	1,390.3	719.6	583.5	21.7	90.5	23.9
Culpeper	2,114.8	721.2	383.4	42.4	208.4	87.0
Farmville	1,284.6	224.6	165.5	27.2	28.7	3.2
Fries	179.5	26.8	26.3	...	...	0.5
Front Royal	2,253.6	725.6	469.4	20.2	170.6	65.3
Herndon	6,542.8	2,155.3	1,781.8	93.6	263.2	16.7
Leesburg	4,504.5	1,315.8	932.8	57.1	322.1	3.8
Luray	770.3	316.4	242.2	15.3	54.1	4.7
Marion	1,439.4	287.1	194.6	15.3	75.0	2.1

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TABLE 11.17A
Local Government Revenue from Taxes and Other Sources
for Virginia's Counties and Cities: 1987, *CONTINUED*

	Total Local Revenue	General Property Taxes				
		Total	Real Property	Public Service Corporations	Personal Property	Other
Pulaski	2,332.3	927.3	671.8	20.4	133.3	101.7
Richlands	948.7	178.6	142.9	11.8	7.5	16.4
Rocky Mount	1,232.4	302.0	189.4	15.3	45.9	51.3
Smithfield	962.4	446.9	242.0	13.1	150.0	41.9
South Hill	1,046.3	409.1	254.6	22.7	93.9	37.9
Tazewell	740.2	200.6	140.7	11.7	46.7	1.4
Vienna	5,768.1	2,326.5	2,267.6	43.8	...	15.1
Vinton	1,906.9	519.4	224.1	22.9	270.4	1.9
Warrenton	2,504.5	995.8	563.2	44.4	377.2	10.9
West Point	2,383.6	1,562.0	582.8	31.0	228.7	719.5
Wise	900.8	203.9	144.8	8.6	44.6	5.9
Wytheville	2,146.9	457.6	328.1	28.4	76.6	24.5
MSAs						
Bristol (Va. portion)	29,032.1	15,804.2	11,653.8	597.0	2,440.1	1,113.3
Charlottesville	82,086.5	45,101.6	30,847.8	2,414.2	10,104.7	1,734.9
Danville	32,503.8	15,286.0	8,870.6	661.8	4,530.1	1,223.5
Lynchburg	67,183.8	35,860.1	21,996.6	1,835.9	8,081.3	3,946.4
Norfolk	895,946.6	485,299.9	327,179.0	19,006.6	122,212.7	16,901.6
Northern Virginia	1,603,659.1	1,069,235.5	811,260.7	34,579.1	207,806.2	15,589.4
Richmond	627,720.0	369,997.2	245,197.0	21,580.2	85,165.3	18,054.6
Roanoke	150,513.9	88,512.6	57,949.2	4,011.6	23,200.4	3,351.3
Planning Districts						
LENOWISCO	31,028.6	12,999.9	7,379.3	928.0	1,966.6	2,726.0
Cumberland Plateau	54,338.2	26,828.3	14,931.9	1,839.1	4,702.3	5,354.9
Mount Rogers	54,143.9	29,040.1	20,347.8	1,174.7	5,163.0	2,354.6
New River Valley	54,133.7	30,769.6	20,474.3	2,055.3	4,835.8	3,404.1
Fifth	164,216.0	96,482.7	61,887.4	4,476.1	24,782.7	5,336.5
Central Shenandoah	101,093.5	55,642.5	33,085.8	7,516.7	11,572.6	3,467.4
Lord Fairfax	66,141.9	38,545.9	23,298.9	1,441.0	10,475.5	3,330.5
Northern Virginia	1,577,000.5	1,050,668.4	797,193.1	33,819.7	204,529.3	15,126.3
Rappahannock-Rapidan	51,451.2	33,917.8	21,491.9	1,765.6	8,733.6	1,926.7
Thomas Jefferson	97,670.1	57,518.4	35,467.6	8,931.7	11,198.8	1,920.2
Central Virginia	83,890.6	47,863.1	29,827.9	2,777.8	10,616.8	4,640.6
West Piedmont	76,042.3	37,544.1	22,763.2	1,491.7	9,205.5	4,083.6
Southside	22,197.7	12,751.3	7,165.7	661.9	3,463.8	1,459.8
Piedmont	23,751.8	14,119.9	8,567.9	1,023.4	3,696.8	831.7
Richmond Regional	559,476.8	329,868.2	219,977.1	19,295.3	76,583.7	14,012.1
RADCO	75,330.5	45,516.6	32,456.3	2,064.7	9,372.2	1,623.5
Northern Neck	16,025.6	11,262.1	7,807.3	392.4	2,629.0	433.4
Middle Peninsula	29,334.5	19,609.3	12,841.8	628.2	4,679.0	1,460.3
Crater	85,166.0	51,874.5	29,066.0	6,720.8	11,245.4	4,842.3
Southeastern Virginia	643,356.0	343,842.7	229,855.7	13,163.0	90,740.6	10,083.5
Peninsula	262,957.8	148,329.9	98,539.5	6,086.9	34,178.4	9,525.2
Accomack-Northampton	15,433.9	10,180.0	6,236.3	562.6	2,850.3	530.8

SOURCE: Commonwealth of Virginia, Auditor of Public Accounts. *Comparative Report of Local Government Revenues and Expenditures Year Ended June 30, 1987*. Richmond, Virginia, annual.

NOTES: In thousands of dollars.

Data for towns are included in state, metropolitan statistical area (MSA), and planning district (PD) totals.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.



TABLE 11.17B

**Local Government Revenue From Taxes and Other Sources
for Virginia's Counties and Cities: 1987, Continued**

Other Local Taxes				
	Total	Local Option Sales	Consumer Utility Tax	Other
Virginia	\$1,062,056.5	\$375,976.9	\$218,747.6	\$467,332.0
Counties				
Accomack	2,284.2	1,043.1	860.1	380.9
Albemarle	10,357.2	3,710.9	3,075.1	3,571.2
Alleghany	1,004.6	416.6	205.6	382.4
Amelia	642.1	201.1	221.0	220.0
Amherst	1,819.2	1,119.0	...	700.2
Appomattox	530.3	379.2	...	151.1
Arlington	42,665.0	13,098.1	...	29,566.9
Augusta	4,793.5	1,901.3	1,203.5	1,688.6
Bath	506.6	483.9	...	22.7
Bedford	1,180.4	654.9	9.7	515.8
Bland	225.8	76.8	84.5	64.6
Botetourt	1,525.3	630.1	453.3	441.8
Brunswick	898.3	414.1	291.5	192.7
Buchanan	9,404.0	1,149.7	384.6	7,869.7
Buckingham	793.0	223.3	339.4	230.3
Campbell	2,051.7	1,570.5	...	481.2
Caroline	1,264.9	426.9	448.7	389.3
Carroll	1,044.4	546.0	305.8	192.6
Charles City	290.1	50.3	121.6	118.2
Charlotte	593.9	252.2	216.3	125.4
Chesterfield	22,540.9	11,068.8	134.7	11,337.4
Clarke	551.8	230.6	144.1	177.1
Craig	100.7	56.4	...	44.4
Culpeper	2,356.4	1,382.5	688.4	285.5
Cumberland	446.5	141.9	178.7	125.9
Dickenson	4,309.3	441.4	...	3,867.9
Dinwiddie	1,052.9	389.9	328.7	334.3
Essex	730.3	628.6	...	101.7
Fairfax	152,218.6	56,029.3	35,281.7	60,907.5
Fauquier	4,570.4	2,196.4	1,142.6	1,231.4
Floyd	765.4	211.7	320.5	233.1
Fluvanna	378.4	170.9	33.9	173.6
Franklin	2,906.7	1,200.9	938.2	767.7
Frederick	3,785.8	1,772.5	1,078.3	935.0
Giles	875.9	542.8	134.5	198.6
Gloucester	2,966.5	1,094.6	792.4	1,079.5
Goochland	1,080.5	338.3	329.8	412.5
Grayson	702.7	221.3	326.4	155.0
Greene	497.5	166.3	111.8	219.5
Greensville	972.4	292.7	247.8	431.9
Halifax	2,068.2	803.2	695.7	569.4
Hanover	6,560.2	4,223.8	332.2	2,004.3
Henrico	43,353.2	20,880.5	3,174.7	19,298.0
Henry	6,707.0	2,295.2	2,834.5	1,577.3
Highland	93.2	46.5	...	46.7
Isle of Wight	1,411.5	815.7	201.5	394.3
James City	4,965.8	2,755.1	...	2,210.7
King and Queen	305.8	57.9	143.2	104.7
King George	880.6	325.8	129.4	425.4
King William	572.1	253.2	164.0	154.8
Lancaster	781.2	617.0	...	164.3
Lee	1,140.1	546.7	...	593.3

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TABLE 11.17B

Local Government Revenue From Taxes and Other Sources
for Virginia's Counties and Cities: 1987, *CONTINUED*

	Other Local Taxes			
	Total	Local Option Sales	Consumer Utility Tax	Other
Loudoun	10,854.7	5,487.4	1,575.1	3,792.1
Louisa	686.0	464.8	...	221.2
Lunenburg	529.2	220.7	217.4	91.1
Madison	790.3	323.1	264.6	202.5
Mathews	544.6	209.1	101.4	234.1
Mecklenburg	1,748.3	1,343.0	...	405.3
Middlesex	596.3	293.3	136.2	166.8
Montgomery	3,504.5	2,503.6	621.1	379.9
Nelson	986.5	360.6	270.8	355.2
New Kent	771.1	220.4	143.2	407.6
Northampton	968.8	606.2	188.3	174.3
Northumberland	485.1	252.8	...	232.3
Nottoway	675.4	454.7	149.3	71.4
Orange	1,181.8	699.5	56.0	426.2
Page	796.7	661.5	27.8	107.4
Patrick	924.5	352.0	320.5	252.0
Pittsylvania	2,212.1	1,163.6	...	1,048.5
Powhatan	727.2	280.2	151.3	295.7
Prince Edward	1,318.2	922.5	270.6	125.1
Prince George	1,527.2	473.4	323.3	730.4
Prince William	26,264.6	11,834.7	5,787.1	8,642.8
Pulaski	1,734.3	1,162.5	341.0	230.9
Rappahannock	481.8	130.1	187.9	163.8
Richmond	691.0	598.1	...	92.9
Roanoke	9,209.5	3,705.6	1,335.4	4,168.6
Rockbridge	1,751.2	676.2	492.6	582.4
Rockingham	3,218.0	1,472.4	899.4	846.1
Russell	2,683.7	723.4	700.7	1,259.6
Scott	1,365.2	681.2	472.9	211.0
Shenandoah	1,968.3	1,287.5	291.4	389.4
Smyth	1,332.8	1,127.9	...	205.0
Southampton	548.9	251.4	...	297.4
Spotsylvania	5,756.9	3,423.9	627.1	1,705.8
Stafford	4,221.7	2,146.6	914.6	1,160.4
Surry	219.6	112.1	...	107.5
Sussex	470.8	227.1	95.9	147.8
Tazewell	3,234.6	1,980.9	...	1,253.8
Warren	1,569.6	967.0	197.0	405.7
Washington	2,241.7	1,589.9	...	651.8
Westmoreland	550.8	346.9	...	203.9
Wise	8,135.6	1,584.6	15.5	6,535.5
Wythe	1,574.2	844.4	413.5	316.3
York	4,482.2	2,229.0	...	2,253.3
Cities				
Alexandria	37,541.4	11,180.9	8,465.2	17,895.3
Bedford	824.8	545.8	...	278.9
Bristol	4,378.7	2,187.7	197.3	1,993.7
Buena Vista	839.0	294.4	323.8	220.8
Charlottesville	13,249.1	4,527.4	3,495.6	5,226.1
Chesapeake	27,975.6	7,259.7	6,979.4	13,736.5
Clifton Forge	828.0	221.2	246.7	360.0
Colonial Heights	2,608.1	949.9	599.8	1,058.5
Covington	1,730.6	613.1	630.6	486.9
Danville	6,783.3	3,584.3	434.3	2,764.7

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**TABLE 11.17B**

Local Government Revenue From Taxes and Other Sources
for Virginia's Counties and Cities: 1987, *CONTINUED*

	Other Local Taxes			
	Total	Local Option Sales	Consumer Utility Tax	Other
Emporia	1,532.3	504.4	295.8	732.2
Fairfax	10,965.1	5,349.6	886.1	4,729.4
Falls Church	5,481.0	2,615.2	599.1	2,266.7
Franklin	1,516.1	652.1	342.6	521.4
Fredericksburg	6,618.8	2,684.2	841.2	3,093.3
Galax	1,706.7	888.7	237.8	580.1
Hampton	27,699.4	9,147.1	5,687.5	12,864.8
Harrisonburg	7,721.9	3,904.1	634.9	3,182.9
Hopewell	3,500.7	1,196.3	733.4	1,571.0
Lexington	1,215.9	398.7	312.0	505.2
Lynchburg	19,032.6	6,376.3	5,160.0	7,496.3
Manassas	4,850.3	2,680.6	806.8	1,363.0
Manassas Park	777.6	232.9	292.5	252.3
Martinsville	3,452.3	1,742.0	681.2	1,029.0
Newport News	29,564.9	8,053.0	7,049.5	14,462.5
Norfolk	76,884.7	20,309.6	24,850.7	31,724.4
Norton	1,120.7	588.4	...	532.3
Petersburg	9,641.9	3,413.4	2,199.5	4,029.0
Poquoson	893.8	212.7	332.3	348.7
Portsmouth	24,144.6	5,202.8	8,032.8	10,909.0
Radford	1,776.2	628.2	551.2	596.8
Richmond	79,070.8	19,060.4	25,091.7	34,918.7
Roanoke	27,593.2	10,458.6	7,616.8	9,517.8
Salem	5,629.6	2,376.4	935.2	2,318.0
South Boston	1,314.4	542.4	353.0	419.0
Staunton	4,715.6	1,634.1	1,109.8	1,971.7
Suffolk	7,870.9	2,195.4	1,982.6	3,692.9
Virginia Beach	83,093.3	21,866.5	17,592.7	43,634.0
Waynesboro	4,362.6	1,446.3	931.3	1,985.0
Williamsburg	6,501.6	2,619.4	260.7	3,621.5
Winchester	6,923.1	3,296.6	660.4	2,966.1
Towns				
Abingdon	513.1	48.6	74.6	390.0
Altavista	272.7	46.5	...	226.2
Ashland	697.8	139.6	5.6	552.6
Big Stone Gap	430.2	101.3	...	328.9
Blacksburg	2,550.3	437.0	594.8	1,518.5
Blackstone	133.8	73.1	...	60.7
Bluefield	333.5	105.5	...	228.0
Cape Charles	172.5	48.6	34.1	89.9
Christiansburg	1,346.6	364.2	202.0	780.4
Colonial Beach	191.4	65.3	...	126.1
Culpeper	1,165.9	170.9	...	995.0
Farmville	860.4	120.4	281.4	458.6
Fries	65.6	33.2	18.5	13.8
Front Royal	1,058.7	302.6	...	756.0
Herndon	2,637.9	555.7	648.5	1,433.8
Leesburg	1,983.8	479.0	414.1	1,090.7
Luray	285.1	45.8	47.5	191.8
Marion	856.9	119.6	...	737.3
Pulaski	1,028.8	224.7	301.0	503.1
Richlands	361.4	129.7	...	231.8
Rocky Mount	599.3	54.8	213.3	331.3
Smithfield	418.2	86.2	118.7	213.4
South Hill	467.9	114.5	145.0	208.5

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TABLE 11.17B

**Local Government Revenue From Taxes and Other Sources
for Virginia's Counties and Cities: 1987, *CONTINUED***

	Other Local Taxes			
	Total	Local Option Sales	Consumer Utility Tax	Other
Tazewell	328.7	80.9	...	247.8
Vienna	2,888.6	580.7	823.2	1,484.7
Vinton	1,012.3	497.8	166.7	347.8
Warrenton	1,242.7	63.4	162.7	1,016.6
West Point	451.7	92.7	90.8	268.2
Wise	514.8	74.2	128.5	312.2
Wytheville	1,196.6	137.7	145.6	913.3
MSAs				
Bristol (Va. portion)	8,498.7	4,507.4	744.8	3,246.5
Charlottesville	24,482.2	8,575.5	6,716.3	9,190.4
Danville	8,995.4	4,747.9	434.3	3,813.2
Lynchburg	23,176.2	9,112.4	5,160.0	8,903.8
Norfolk	297,043.3	82,944.9	73,560.6	140,537.8
Northern Virginia	303,350.2	112,270.7	56,493.9	134,585.6
Richmond	173,422.6	62,685.1	33,669.3	77,068.2
Roanoke	44,969.8	17,668.5	10,507.4	16,793.9
Planning Districts				
LENOWISCO	12,706.5	3,576.4	616.9	8,513.2
Cumberland Plateau	20,655.2	4,611.4	1,085.3	14,958.5
Mount Rogers	15,839.2	7,821.7	1,804.0	6,213.6
New River Valley	13,582.0	6,074.7	3,066.1	4,441.2
Fifth	48,633.8	18,975.9	11,590.3	18,067.6
Central Shenandoah	29,217.4	12,258.1	5,907.2	11,052.1
Lord Fairfax	16,939.1	8,564.2	2,446.4	5,928.6
Northern Virginia	299,128.6	110,124.1	55,579.3	133,425.2
Rappahannock-Rapidan	11,789.2	4,965.9	2,502.2	4,321.1
Thomas Jefferson	26,154.7	9,400.8	6,987.1	9,766.8
Central Virginia	25,711.6	10,692.3	5,169.7	9,849.6
West Piedmont	23,585.3	10,392.8	5,422.0	7,770.5
Southside	6,497.1	3,217.1	1,485.2	1,794.8
Piedmont	5,992.5	2,609.9	1,874.2	1,508.4
Richmond Regional	155,091.8	56,262.2	29,484.7	69,344.9
RADCO	18,742.8	9,007.4	2,961.1	6,774.3
Northern Neck	2,699.6	1,880.1	...	819.5
Middle Peninsula	6,167.3	2,629.4	1,428.1	2,109.8
Crater	21,525.8	7,559.1	4,824.1	9,142.6
Southeastern Virginia	223,863.8	58,639.4	60,101.0	105,123.4
Peninsula	74,107.8	25,016.3	13,330.0	35,761.4
Accomack-Norhampton	3,425.5	1,697.9	1,082.6	645.0

SOURCE: Commonwealth of Virginia, Auditor of Public Accounts. *Comparative Report of Local Government Revenues and Expenditures Year Ended June 30, 1987*. Richmond, Virginia, annual.

NOTES: In thousands of dollars.
Data for towns are included in state, metropolitan statistical area (MSA), and planning district (PD) totals.
A map showing the boundaries of the metropolitan statistical area is on page 605, and a table showing their composition is on page 654.
A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

**TABLE 11.17C****Local Government Revenue From Taxes and Other Sources for Virginia's Counties and Cities: 1987, Continued**

	Other Sources					
	Permits, Privilege Fees & Regulatory Licenses	Fines & Forfeitures	Charges for Services	Revenue from Use of Money & Property		
				Interest	Use of Property	Miscell- aneous
Virginia	\$64,948.2	\$28,305.1	\$282,541.6	\$111,219.9	\$27,304.3	\$62,630.4
Counties						
Accomack	75.7	11.1	630.4	167.3	79.0	241.7
Albemarle	616.8	78.9	2,463.1	859.5	194.2	209.1
Alleghany	28.7	0.5	490.3	129.3	68.2	6.4
Amelia	31.7	0.1	214.1	44.6	13.6	155.8
Amherst	63.2	1.8	1,073.7	186.0	169.8	91.9
Appomattox	19.2	1.5	145.5	103.3	17.7	30.7
Arlington	1,991.9	3,826.3	14,264.6	2,495.3	1,595.1	702.3
Augusta	154.5	2.0	1,474.4	856.2	283.5	1,773.2
Bath	12.9	0.4	102.0	124.8	31.3	33.6
Bedford	165.0	2.9	1,022.8	232.3	77.2	15.3
Bland	23.3	0.1	135.8	30.9	8.5	21.7
Botetourt	124.3	2.1	641.4	336.4	19.9	350.3
Brunswick	22.7	0.1	162.9	169.0	88.9	77.7
Buchanan	31.5	9.7	964.4	679.2	578.3	68.4
Buckingham	26.5	0.6	190.7	90.8	66.8	26.4
Campbell	85.5	4.8	1,244.4	682.5	92.6	107.1
Caroline	61.3	1.0	380.4	124.8	28.0	12.0
Carroll	52.5	0.2	678.6	257.0	20.2	58.6
Charles City	36.6	5.9	199.2	39.4	67.3	97.6
Charlotte	28.8	0.9	238.2	116.3	59.4	44.7
Chesterfield	3,397.8	535.8	6,512.6	1,788.0	1,796.8	846.1
Clarke	89.8	0.5	351.9	192.5	14.2	26.0
Craig	31.6	0.9	87.4	38.6	21.1	5.4
Culpeper	136.4	4.2	754.2	267.8	33.7	58.7
Cumberland	12.3	1.1	59.9	123.0	0.6	11.0
Dickenson	10.5	1.0	480.2	369.7	13.4	22.1
Dinwiddie	65.1	2.3	495.9	262.1	161.5	250.4
Essex	30.0	3.4	187.9	76.0	5.0	2.8
Fairfax	21,812.1	3,312.9	80,314.1	34,727.6	2,674.7	5,128.0
Fauquier	328.9	7.1	1,335.4	513.8	26.8	261.7
Floyd	29.7	0.3	319.1	84.9	21.7	2.2
Fluvanna	62.1	0.6	240.4	165.5	21.5	56.8
Franklin	128.7	1.3	1,067.3	244.4	7.7	133.6
Frederick	319.1	2.6	2,330.1	802.7	134.5	138.1
Giles	32.5	...	637.6	62.4	28.6	40.8
Gloucester	268.7	20.4	741.9	262.1	22.0	34.2
Goochland	117.7	33.1	265.7	158.9	61.6	38.8
Grayson	41.2	1.0	256.4	201.9	164.5	51.4
Greene	45.1	1.2	290.3	9.4	27.8	41.1
Greensville	51.0	0.6	224.3	277.4	13.5	83.2
Halifax	66.6	2.1	671.1	177.4	88.5	116.3
Hanover	797.9	131.0	2,264.5	789.8	254.8	193.4
Henrico	2,197.8	1,010.8	11,739.4	5,133.0	5.1	2,729.2
Henry	57.9	27.5	1,738.3	664.6	92.4	242.2
Highland	24.4	0.1	62.1	28.6	14.7	0.9
Isle of Wight	104.9	6.0	471.1	257.1	416.9	243.3
James City	563.1	72.2	1,174.7	356.5	41.6	213.1
King and Queen	11.5	1.3	72.5	38.8	8.7	9.9

CONTINUED ➡

TABLE 11.17C

Local Government Revenue From Taxes and Other Sources for Virginia's Counties and Cities: 1987, *CONTINUED*

	Other Sources					
	Permits, Privilege Fees & Regulatory Licenses	Fines & Forfeitures	Charges for Services	Revenue from Use of Money & Property		
				Interest	Use of Property	Miscell- aneous
King George	76.0	46.4	470.1	88.9	0.8	78.4
King William	44.8	6.2	352.7	121.7	29.5	52.6
Lancaster	59.2	7.2	190.3	92.6	20.7	26.5
Lee	16.3	0.3	612.8	113.5	12.0	487.2
Loudoun	2,373.5	190.8	1,744.2	1,684.6	126.4	42.2
Louisa	103.9	4.3	526.2	323.2	36.8	11.5
Lunenburg	25.6	0.2	274.3	106.9	13.3	63.0
Madison	46.8	0.2	214.3	80.4	5.8	9.3
Mathews	45.2	0.8	182.9	78.9	1.4	52.3
Mecklenburg	54.1	6.8	525.5	214.4	50.0	7.8
Middlesex	56.8	0.2	182.1	126.6	17.2	39.1
Montgomery	87.6	27.5	1,495.6	680.4	33.0	139.7
Nelson	116.7	4.8	255.0	78.7	23.3	10.0
New Kent	84.3	11.1	165.8	111.2	10.3	46.9
Northampton	16.8	13.0	282.4	153.5	23.1	15.1
Northumberland	51.7	1.3	125.0	60.0	14.3	7.4
Nottoway	53.5	3.4	350.5	138.0	24.8	47.1
Orange	119.6	0.6	480.7	188.3	19.6	46.5
Page	76.6	...	708.9	213.8	20.4	70.7
Patrick	33.6	0.4	426.3	127.3	40.0	45.1
Pittsylvania	21.7	2.5	568.3	552.5	70.7	466.7
Powhatan	101.0	18.2	203.9	109.5	19.2	36.2
Prince Edward	24.3	...	194.7	163.8	83.4	39.9
Prince George	124.1	159.7	1,077.2	620.5	63.8	83.9
Prince William	5,289.1	785.5	9,830.5	7,116.1	365.5	577.9
Pulaski	113.0	3.4	1,038.7	293.6	40.0	123.3
Rappahannock	41.6	1.5	154.6	57.0	1.9	53.1
Richmond	22.3	5.3	133.0	111.5	15.5	5.4
Roanoke	402.2	175.6	3,233.9	1,098.7	6.5	67.6
Rockbridge	37.0	0.5	533.0	88.5	84.2	242.8
Rockingham	205.8	39.3	1,800.2	726.5	62.5	1,752.7
Russell	32.4	0.5	752.7	236.2	47.3	61.0
Scott	23.8	1.6	508.9	386.0	10.9	82.5
Shenandoah	160.9	0.5	709.2	168.1	32.2	355.4
Smyth	67.0	15.7	618.7	269.3	67.2	127.2
Southampton	64.7	42.1	298.2	381.5	34.6	209.3
Spotsylvania	1,024.1	20.6	1,626.6	703.9	54.5	488.5
Stafford	430.5	58.1	2,377.0	578.1	69.8	356.4
Surry	4.6	20.4	125.6	169.0	...	86.5
Sussex	21.8	120.6	134.2	111.8	111.0	135.5
Tazewell	74.0	...	1,037.4	390.4	32.8	91.2
Warren	79.4	1.0	555.9	272.1	12.8	53.7
Washington	75.6	6.6	1,218.6	241.2	13.0	313.0
Westmoreland	48.6	6.0	263.9	237.1	55.1	24.7
Wise	22.6	...	933.8	760.5	58.4	133.7
Wythe	57.8	4.3	636.6	129.9	8.7	97.1
York	452.0	26.7	1,538.6	743.2	85.4	654.7
Cities						
Alexandria	1,641.0	1,386.5	7,261.9	1,497.1	1,287.5	365.6
Bedford	11.8	24.5	138.9	116.3	4.3	39.1
Bristol	2.3	104.0	666.5	460.7	66.9	384.4

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TABLE 11.17C

**Local Government Revenue From Taxes and Other Sources for
Virginia's Counties and Cities: 1987, *CONTINUED***

	Other Sources					
	Permits, Privilege Fees & Regulatory Licenses	Fines & Forfeitures	Charges for Services	Revenue from Use of Money & Property		
				Interest	Use of Property	Miscell- aneous
Buena Vista	4.5	15.5	434.2	15.0	53.2	29.7
Charlottesville	154.5	170.1	2,389.8	1,049.7	118.0	3,236.9
Chesapeake	1,150.8	643.5	6,158.8	2,159.5	292.9	30.6
Clifton Forge	4.9	3.8	318.0	127.9	5.1	2.0
Colonial Heights	55.3	72.7	1,002.0	375.7	4.6	191.5
Covington	11.5	22.4	467.6	54.6	9.6	132.3
Danville	86.7	259.1	1,498.1	1,109.6	233.6	3,352.7
Emporia	26.0	35.9	88.6	70.3	6.9	63.8
Fairfax	34.5	536.2	561.8	258.0	52.8	98.2
Falls Church	102.6	204.2	353.0	510.7	63.2	510.8
Franklin	28.0	86.0	538.4	103.1	86.1	447.2
Fredericksburg	188.4	157.4	1,047.8	189.6	57.0	274.7
Galax	16.4	40.7	345.0	122.9	14.5	30.5
Hampton	773.7	566.8	7,989.4	935.6	2,846.5	244.5
Harrisonburg	95.2	193.4	937.7	272.7	26.2	25.2
Hopewell	82.9	62.7	1,488.9	347.1	54.7	99.8
Lexington	6.1	57.1	118.2	117.3	5.8	328.1
Lynchburg	612.9	251.2	1,604.8	898.1	254.1	460.1
Manassas	526.8	141.1	183.2	472.3	50.4	2,023.5
Manassas Park	85.4	68.4	255.8	124.9	42.6	24.7
Martinsville	23.8	71.5	489.6	194.5	155.3	346.2
Newport News	3,098.7	699.8	9,560.4	1,549.9	1,023.2	2,512.3
Norfolk	1,532.5	1,914.0	6,223.2	3,872.2	1,146.3	2,781.9
Norton	11.5	45.7	249.7	103.3	24.6	17.3
Petersburg	162.1	177.7	1,245.5	173.5	820.4	...
Poquoson	88.2	13.0	614.4	94.1	10.2	48.8
Portsmouth	605.7	461.5	6,690.4	678.6	619.2	1,954.8
Radford	38.0	68.8	1,107.9	61.2	20.9	976.3
Richmond	1,488.9	4,255.5	6,981.6	3,554.1	1,268.1	12,702.6
Roanoke	429.8	457.7	4,924.5	255.6	922.5	412.6
Salem	179.4	56.5	717.8	697.0	258.3	885.8
South Boston	7.6	29.9	95.2	25.9	30.6	88.8
Staunton	36.0	66.1	1,278.1	175.7	21.1	99.8
Suffolk	516.7	216.9	1,040.6	612.1	277.6	353.7
Virginia Beach	2,885.0	2,193.1	15,740.1	6,826.5	1,603.4	552.0
Waynesboro	18.4	67.1	431.3	482.9	103.0	116.8
Williamsburg	37.9	71.8	572.2	563.5	403.2	280.2
Winchester	117.4	81.8	838.9	532.2	183.0	371.9
Towns						
Abingdon	4.4	15.8	23.7	52.0	67.0	...
Altavista	9.8	6.3	1.4	184.3	14.7	46.9
Ashland	3.0	46.7	...	28.5	13.5	11.2
Big Stone Gap	12.4	20.7	190.3	35.1	9.1	255.7
Blacksburg	95.1	92.9	562.9	173.4	69.7	385.0
Blackstone	37.6	12.8	111.8	50.8	2.6	59.3
Bluefield	1.4	12.5	203.6	22.6	6.3	4.0
Cape Charles	0.7	6.9	83.1	4.0	2.4	22.3
Christiansburg	20.6	29.2	244.2	66.6	3.7	33.9
Colonial Beach	5.6	22.0	89.8	11.7	41.3	308.9
Culpeper	43.9	68.4	8.5	40.6	29.5	36.8
Farmville	19.9	25.2	32.3	7.1	114.6	0.6

CONTINUED ➡

TABLE 11.17C

Local Government Revenue From Taxes and Other Sources for Virginia's Counties and Cities: 1987, *CONTINUED*

	Other Sources					
	Permits, Privilege Fees & Regulatory Licenses	Fines & Forfeitures	Charges for Services	Revenue from Use of Money & Property		
				Interest	Use of Property	Miscell- aneous
Fries	...	...	27.2	2.9	8.3	48.8
Front Royal	2.3	56.6	316.5	67.2	1.1	25.7
Herdon	307.5	240.4	852.9	252.4	57.4	39.0
Leesburg	223.1	66.6	5.4	50.9	326.3	532.8
Luray	1.7	15.0	129.9	21.2	0.9	0.2
Marion	0.8	48.1	30.2	147.0	26.5	42.9
Pulaski	6.5	28.6	150.6	23.0	10.8	156.9
Richlands	...	30.0	185.2	21.1	40.2	132.1
Rocky Mount	...	12.5	51.4	235.8	...	31.5
Smithfield	4.7	29.4	...	53.0	5.1	5.0
South Hill	5.1	23.2	121.6	16.9	...	2.4
Tazewell	1.3	6.8	157.4	10.2	...	35.4
Vienna	20.9	211.7	174.2	115.4	...	30.8
Vinton	8.7	31.7	124.8	89.4	110.9	9.7
Warrenton	41.4	42.2	18.6	114.5	41.1	8.1
West Point	0.3	11.6	209.0	47.2	4.3	97.4
Wise	...	21.7	142.4	4.1	...	13.8
Wytheville	38.5	44.0	40.9	130.6	6.6	232.1
MSAs						
Bristol (Va. portion)	106.1	128.1	2,417.6	1,139.8	157.8	779.9
Charlottesville	878.6	250.8	5,383.7	2,084.2	361.5	3,543.9
Danville	108.3	261.7	2,066.4	1,662.2	304.3	3,819.4
Lynchburg	771.4	264.0	3,924.2	1,950.8	531.2	706.0
Norfolk	11,972.9	6,899.8	58,044.6	18,653.8	8,371.5	9,660.7
Northern Virginia	34,838.9	11,028.6	118,178.6	49,883.4	6,711.6	10,432.3
Richmond	8,714.3	6,523.2	33,642.0	13,491.4	4,601.8	17,327.6
Roanoke	1,144.4	723.6	9,642.3	2,477.0	1,318.2	1,726.0
Planning Districts						
LENOWISCO	86.6	90.0	2,637.9	1,402.5	115.1	990.1
Cumberland Plateau	151.1	60.6	3,780.9	1,729.5	718.4	414.3
Mount Rogers	379.9	280.5	4,678.2	2,046.3	471.8	1,407.9
New River Valley	422.9	250.7	5,576.6	1,445.5	228.4	1,858.0
Fifth	1,221.1	751.2	11,005.6	2,827.4	1,422.1	1,872.1
Central Shenandoah	594.7	441.5	7,221.1	2,888.2	685.5	4,402.7
Lord Fairfax	847.2	158.0	5,941.2	2,269.8	399.0	1,041.6
Northern Virginia	34,408.4	10,970.5	115,801.6	49,305.3	6,641.8	10,075.9
Rappahannock-Rapidan	758.7	124.3	2,966.2	1,262.4	158.4	474.2
Thomas Jefferson	1,099.2	259.8	6,164.9	2,486.1	421.5	3,565.4
Central Virginia	967.4	292.9	5,231.4	2,402.7	630.4	791.2
West Piedmont	352.4	374.8	5,839.2	3,128.7	599.8	4,618.0
Southside	156.1	62.1	1,576.4	603.7	258.0	293.1
Piedmont	260.2	44.5	1,666.5	841.3	379.1	447.7
Richmond Regional	8,224.9	6,048.1	28,332.6	11,712.6	3,496.8	16,702.0
RADCO	1,780.2	283.4	5,901.9	1,685.3	210.1	1,210.1
Northern Neck	187.4	41.8	802.1	512.9	146.8	372.8

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TABLE 11.17C

Local Government Revenue From Taxes and Other Sources for Virginia's Counties and Cities: 1987, *CONTINUED*

	Other Sources					
	Permits, Privilege Fees & Regulatory Licenses	Fines & Forfeitures	Charges for Services	Revenue from Use of Money & Property		Miscell- aneous
				Interest	Use of Property	
Middle Peninsula	457.4	43.9	1,929.0	751.3	88.1	288.2
Crater	592.8	652.6	5,882.0	2,407.3	1,236.4	994.6
Southeastern Virginia	6,892.8	5,592.5	37,160.8	14,943.5	4,482.2	6,577.8
Peninsula	5,013.7	1,450.4	21,449.6	4,242.8	4,410.1	3,953.6
Accomack-Norhampton	93.1	31.0	995.9	324.8	104.5	279.1

SOURCE: Commonwealth of Virginia, Auditor of Public Accounts, *Comparative Report of Local Government Revenues and Expenditures Year Ended June 30, 1987*. Richmond, Virginia, annual.

NOTES: In thousands of dollars.

Data for towns are included in state, metropolitan statistical area (MSA), and planning district (PD) totals.

A map showing the boundaries of the metropolitan statistical area is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 11.18

Local Government Expenditures, Transfers, and Contributions for Virginia's Counties and Cities: 1987

	Maintenance & Operations Expenditures	Transfers to General Government Capital Projects	Transfers to General Government Debt Service	Enterprise Activity Transfers & Contributions	
				Capital Projects Payments	Operational Support Payments
Virginia	\$6,196,379.8	\$214,507.7	\$368,743.2	\$24,296.1	\$68,112.5
Counties					
Accomack	23,153.5	812.8	999.5	...	...
Albemarle	50,313.4	7,777.1	3,794.2	...	...
Alleghany	13,472.2	...	350.6	...	2.6
Amelia	6,560.8	445.3	263.0	...	...
Amherst	18,730.4	481.9	834.1	...	...
Appomattox	9,154.7	...	255.2	...	...
Arlington	226,639.2	8,581.9	16,595.0	10,094.1	6,900.0
Augusta	39,393.6	4,289.3	390.9	356.0	...
Bath	6,933.7	250.0	15.0	404.1	462.4
Bedford	26,753.2	...	835.3	...	...
Bland	4,643.3	...	48.9	...	...
Botetourt	18,208.3	601.5	928.5	...	...
Brunswick	11,586.1	202.7	74.2	...	...
Buchanan	40,160.9	72.7	4,800.6	...	941.9
Buckingham	8,770.9	150.0	143.8	...	...

CONTINUED →

TABLE 11.18

Local Government Expenditures, Transfers, and Contributions
for Virginia's Counties and Cities: 1987, *CONTINUED*

	Maintenance & Operations Expenditures	Transfers to General Government Capital Projects	Transfers to General Government Debt Service	Enterprise Activity Transfers & Contributions	
				Capital Projects Payments	Operational Support Payments
Campbell	34,389.4	167.2	759.7	...	...
Caroline	15,885.6	26.0	448.7	...	...
Carroll	17,653.6	788.3	551.2	...	3.0
Charles City	6,891.6	249.2	154.4	...	17.4
Charlotte	9,149.5	433.2	277.1	...	...
Chesterfield	187,240.9	1,502.0	20,170.9	300.7	246.0
Clarke	7,926.3	1,915.8	182.9	...	...
Craig	3,090.2	...	44.9	...	...
Culpeper	18,414.7	2,635.5	919.4	201.2	...
Cumberland	5,573.6	222.0	28.1	...	...
Dickenson	22,467.0	55.4	354.7	...	7.5
Dinwiddie	17,892.1	450.1	711.8	...	...
Essex	7,474.0	...	86.0	...	...
Fairfax	989,580.8	57,738.3	66,338.8	...	28,115.3
Fauquier	34,694.7	1,443.2	2,003.0	...	...
Floyd	8,327.3	25.0	202.6	...	...
Fluvanna	9,266.7	675.0	202.8	...	...
Franklin	24,789.7	361.6	663.2	...	...
Frederick	30,923.4	569.6	1,020.4	...	...
Giles	13,492.7	...	437.7	...	5.1
Gloucester	21,082.3	380.7	897.5	...	...
Goochland	9,994.0	228.4	473.1	...	...
Grayson	9,977.3	19.2	389.9	2.0	...
Greene	7,216.2	18.1	363.3	...	...
Greensville	11,654.0	306.1	98.1	...	...
Halifax	22,696.5	515.3	338.9	...	...
Hanover	44,698.5	3,037.7	2,158.7	...	2,935.8
Henrico	205,500.6	14,903.8	10,886.3	109.1	443.4
Henry	40,588.2	30.1	1,687.7	1,010.2	...
Highland	2,258.9	...	...	...	...
Isle of Wight	18,440.1	578.6	900.6	...	...
James City	28,419.4	1,698.7	1,339.3	...	22.6
King and Queen	4,980.1	...	92.9	...	...
King George	10,933.2	970.8	274.5	...	...
King William	7,379.3	214.6	153.4	...	...
Lancaster	7,320.6	...	134.0	...	...
Lee	21,812.4	...	122.3	...	...
Loudoun	83,919.2	3,507.0	3,881.3	...	...
Louisa	15,251.2	...	993.7	...	...
Lunenburg	8,562.8	150.0	62.4	...	...
Madison	7,604.8	108.0	186.6	...	...
Mathews	5,807.0	...	130.0	...	...
Mecklenburg	20,031.9	...	519.3	...	...
Middlesex	5,727.8	386.1	57.0	...	...
Montgomery	37,174.7	298.8	1,121.7	114.9	255.8
Nelson	10,260.4	133.9	302.0	...	...
New Kent	8,441.6	65.5	413.5	...	...
Northampton	11,761.6	...	305.6	...	...
Northumberland	7,041.0	...	26.6	...	...
Nottoway	10,028.5	250.0	564.8	...	...
Orange	15,169.2	...	232.3	59.0	...
Page	13,623.2	...	267.4	...	...
Patrick	11,569.5	835.3	327.1	...	5.5

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TABLE 11.18
Local Government Expenditures, Transfers, and Contributions
for Virginia's Counties and Cities: 1987, *CONTINUED*

	Maintenance & Operations Expenditures	Transfers to General Government Capital Projects	Transfers to General Government Debt Service	Enterprise Activity Transfers & Contributions	
				Capital Projects Payments	Operational Support Payments
Pittsylvania	40,992.1	2,188.6	379.7	...	...
Powhatan	9,080.2	153.2	620.3	...	...
Prince Edward	10,098.2	300.9	515.2	...	...
Prince George	22,783.3	2,079.4	1,028.5	...	0.7
Prince William	221,795.0	1,378.7	11,721.3	...	...
Pulaski	26,663.2	739.6	1,394.6	1,644.1	...
Rappahannock	4,648.5	...	46.4	...	...
Richmond	5,528.0	803.0	242.3	...	...
Roanoke	76,143.7	796.7	3,101.3	200.0	698.3
Rockbridge	13,517.6	592.6	338.0	...	88.0
Rockingham	37,718.1	2,613.9	830.9	611.2	...
Russell	25,111.7	78.2	888.5	46.4	...
Scott	17,640.9	230.0	756.9	...	...
Shenandoah	20,493.9	136.1	381.7	...	...
Smyth	22,357.7	190.2	254.5	1,786.8	461.5
Southampton	12,648.8	21.6	139.4	...	10.7
Spotsylvania	38,485.0	1,921.3	2,891.4	...	...
Stafford	46,572.3	1,331.4	3,491.3	...	...
Surry	8,142.6	442.9	1,144.5	...	...
Sussex	9,083.7	150.0	49.7	...	...
Tazewell	39,519.6	751.0	1,414.4	280.3	19.3
Warren	16,358.7	135.4	347.3	...	...
Washington	31,802.0	671.2	1,603.8	213.1	...
Westmoreland	10,184.3	288.5	81.6	...	...
Wise	41,991.8	427.5	960.2	2,008.4	53.3
Wythe	18,512.6	...	700.5	4.2	...
York	44,609.1	1,035.7	781.6	...	12.4
Cities					
Alexandria	167,932.9	5,694.3	17,853.0	...	5,972.7
Bedford	5,759.3	...	391.1	...	70.4
Bristol	19,947.1	39.8	1,059.7	...	...
Buena Vista	6,624.8	92.9	313.7	...	...
Charlottesville	51,908.4	2,081.4	1,641.3	...	107.6
Chesapeake	163,864.9	3,411.1	5,824.1	...	968.5
Clifton Forge	6,877.7	...	122.6	...	...
Colonial Heights	17,120.7	...	1,284.5	...	...
Covington	8,135.2	8.0	...	...	...
Danville	47,100.9	12.0	2,011.2	12.0	806.0
Emporia	4,375.1	...	42.9	...	38.1
Fairfax	27,049.3	3,783.6	1,163.0	...	616.6
Falls Church	16,671.8	637.4	625.7	...	458.4
Franklin	10,566.6	23.1	717.0	...	494.5
Fredericksburg	20,335.3	2,646.9	2,068.6	...	...
Galax	7,356.6	60.4	309.1	56.8	112.3
Hampton	137,419.0	4,984.5	6,565.6	...	332.0
Harrisonburg	20,313.3	403.4	2,222.5	...	2,095.9
Hopewell	26,671.1	627.3	218.0	76.1	...
Lexington	4,891.2	725.2	320.7	...	...
Lynchburg	73,210.2	872.6	6,059.6	...	156.3
Manassas	27,774.0	171.9	2,477.4	...	123.6
Manassas Park	7,177.8	87.9	709.2	...	...

CONTINUED →

TABLE 11.18

Local Government Expenditures, Transfers, and Contributions
for Virginia's Counties and Cities: 1987, *CONTINUED*

	Maintenance & Operations Expenditures	Transfers to General Government Capital Projects	Transfers to General Government Debt Service	Enterprise Activity Transfers & Contributions	
				Capital Projects Payments	Operational Support Payments
Martinsville	20,921.8	416.4	57.3	...	17.8
Newport News	190,856.9	9,881.3	11,233.4	...	...
Norfolk	298,025.5	1,885.0	21,143.6	...	9,030.3
Norton	5,659.0	85.9	47.9	...	12.0
Petersburg	46,770.0	307.9	2,699.0	...	113.9
Poquoson	10,674.6	221.9	326.5	...	...
Portsmouth	130,771.6	4,463.6	8,182.0	...	522.0
Radford	12,126.1	307.4	200.3	...	7.3
Richmond	319,093.6	...	29,116.6	1,328.8	1,841.9
Roanoke	109,284.4	4,080.4	8,016.9	...	788.5
Salem	26,432.9	2,001.6	1,983.5	598.2	...
South Boston	6,822.6	188.4	272.4	15.8	...
Staunton	20,134.5	180.0	1,227.5	329.0	144.3
Suffolk	50,991.8	1,196.8	1,550.8	1,070.1	109.9
Virginia Beach	354,345.5	12,148.6	31,471.4	...	738.0
Waynesboro	17,407.5	646.2	1,995.2	...	25.0
Williamsburg	12,692.5	609.6	177.3	...	...
Winchester	22,031.3	2,107.9	1,414.0	...	62.0
Towns					
Abingdon	1,515.0	50.0	...	...	...
Altavista	1,419.0	112.8	...	...	70.9
Ashland	1,501.0	...	...	...	...
Big Stone Gap	1,566.2	222.1	...	...	...
Blacksburg	5,490.2	1,420.2	612.5	...	...
Blackstone	1,519.4	...	...	...	...
Bluefield	1,425.6	192.2	80.5	...	...
Cape Charles	1,066.7	...	0.9	...	5.9
Christiansburg	2,881.6	...	43.2	...	370.8
Colonial Beach	2,366.9	...	69.1	53.3	9.0
Culpeper	2,407.7	...	...	...	...
Farmville	2,056.6	7.8	45.0	...	23.3
Fries	650.6	8.1	11.7	...	...
Front Royal	3,850.4	262.5	...	...	45.8
Herndon	5,796.9	655.0	100.3	...	...
Leesburg	4,521.2	1,687.5	221.3	...	...
Luray	1,215.5	18.3	...	...	28.1
Marion	2,012.1	112.6	...	1,228.3	...
Pulaski	4,249.4	...	8.2	...	12.6
Richlands	1,758.5	...	...	...	...
Rocky Mount	1,250.1	...	...	17.8	...
Smithfield	958.1	...	...	...	29.5
South Hill	1,624.7	...	...	...	17.0
Tazewell	1,022.1	2.3	...	...	...
Vienna	7,270.5	...	464.8	...	...
Vinton	2,280.3	622.0	90.6	...	25.4
Warrenton	2,340.9	256.2	...	...	...
West Point	3,621.5	143.2	113.1	...	...
Wise	1,159.7	...	71.5	64.1	...
Wytheville	2,450.1	625.6	...	...	...

**TABLE 11.18**
**Local Government Expenditures, Transfers, and Contributions
for Virginia's Counties and Cities: 1987, CONTINUED**

	Maintenance & Operations Expenditures	Transfers to General Government Capital Projects	Transfers to General Government Debt Service	Enterprise Activity Transfers & Contributions	
				Capital Projects Payments	Operational Support Payments
MSAs					
Bristol (Va. portion)	70,905.0	991.0	-3,420.3	213.1	...
Charlottesville	118,704.7	10,551.6	6,001.6	...	107.6
Danville	88,092.9	2,200.6	2,390.9	12.0	806.0
Lynchburg	127,748.9	1,634.5	7,653.4	...	227.2
Norfolk	1,443,753.1	41,917.3	89,493.0	1,070.1	11,735.6
Northern Virginia	1,832,700.9	85,254.9	125,642.4	10,094.1	42,186.5
Richmond	923,679.3	23,604.6	69,935.6	1,814.7	5,599.1
Roanoke	232,349.6	8,102.1	14,120.7	798.2	1,512.1
Planning Districts					
LENOWISCO	89,830.1	965.6	1,958.7	2,072.5	65.2
Cumberland Plateau	131,465.4	1,151.9	7,538.7	326.7	968.7
Mount Rogers	138,877.9	2,565.3	4,929.1	3,291.2	576.8
New River Valley	110,405.2	2,791.0	4,020.9	1,759.0	651.7
Fifth	263,924.9	8,110.1	14,638.8	798.2	1,514.8
Central Shenandoah	169,193.1	9,793.5	7,654.4	1,700.3	2,815.6
Lord Fairfax	116,422.7	5,145.6	3,613.6	...	136.0
Northern Virginia	1,786,128.6	83,923.5	122,151.1	10,094.1	42,186.5
Rappahannock-Rapidan	85,280.5	4,442.9	3,387.7	260.2	...
Thomas Jefferson	144,216.3	10,685.5	7,297.3	...	107.6
Central Virginia	169,416.1	1,634.5	9,134.9	...	297.6
West Piedmont	187,212.1	3,843.9	5,126.1	1,039.9	829.3
Southside	62,761.7	906.4	1,204.8	15.8	17.0
Piedmont	62,320.3	1,959.2	1,899.5	...	23.3
Richmond Regional	792,442.1	20,140.0	63,993.8	1,738.6	5,484.4
RADCO	132,211.3	6,896.4	9,174.6	...	...
Northern Neck	32,440.7	1,091.5	553.7	53.3	9.0
Middle Peninsula	56,071.9	1,124.6	1,529.9	...	...
Crater	164,492.7	4,363.7	7,276.9	76.1	152.7
Southeastern Virginia	1,040,613.0	23,728.3	69,928.9	1,070.1	11,903.4
Peninsula	424,671.4	18,431.7	20,423.7	...	367.0
Accomack-Northampton	35,981.9	812.8	1,306.0	...	5.9

SOURCE: Commonwealth of Virginia, Auditor of Public Accounts, *Comparative Report of Local Government Revenues and Expenditures Year Ended June 30, 1987*, Richmond, Virginia, annual.

NOTES: In thousands of dollars.

Data for towns are included in state, metropolitan statistical area (MSA), and planning district (PD) totals.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 11.19A

Local Government Maintenance and Operations Expenditures
by Function for Virginia's Counties and Cities: 1987

	Total Expenditures	Function			
		General Government Administration	Judicial Administration	Public Safety	Public Works
Virginia	\$6,196,379.8	\$318,347.5	\$87,695.3	\$811,896.9	\$492,199.8
Counties					
Accomack	23,153.5	918.1	323.4	1,203.7	890.9
Albemarle	50,313.4	2,559.7	956.8	3,641.1	1,609.0
Alleghany	13,472.2	608.1	216.7	1,310.6	479.4
Amelia	6,560.8	343.2	105.3	417.0	181.9
Amherst	18,730.4	461.6	345.2	970.4	686.8
Appomattox	9,154.7	333.5	98.6	654.2	322.9
Arlington	226,639.2	21,418.7	4,046.2	41,802.8	19,220.0
Augusta	39,393.6	1,114.2	254.9	2,756.3	860.6
Bath	6,933.7	274.9	168.0	415.4	290.9
Bedford	26,753.2	720.4	305.0	1,768.9	518.2
Bland	4,643.3	223.2	151.1	238.8	193.4
Botetourt	18,208.3	688.6	531.3	1,413.4	428.3
Brunswick	11,586.1	451.6	234.3	636.7	306.4
Buchanan	40,160.9	1,016.8	598.0	1,628.2	6,346.7
Buckingham	8,770.9	508.7	142.8	414.2	287.2
Campbell	34,389.4	1,580.9	306.8	1,753.1	950.2
Caroline	15,885.6	538.6	236.8	1,150.5	439.3
Carroll	17,653.6	587.5	437.1	1,024.5	350.2
Charles City	6,891.6	467.1	156.6	345.2	378.5
Charlotte	9,149.5	328.2	174.1	576.1	219.7
Chesterfield	187,240.9	8,086.5	2,127.8	25,396.1	5,741.0
Clarke	7,926.3	371.6	258.3	718.4	114.3
Craig	3,090.2	254.6	137.2	210.2	137.9
Culpeper	18,414.7	561.3	192.8	1,279.7	369.9
Cumberland	5,573.6	261.2	135.7	309.6	133.5
Dickenson	22,467.0	729.7	224.7	1,069.0	2,752.8
Dinwiddie	17,892.1	540.2	305.5	1,082.5	705.4
Essex	7,474.0	329.7	164.5	621.7	216.9
Fairfax	989,580.8	51,204.4	8,769.6	115,464.6	63,885.0
Fauquier	34,694.7	1,194.4	593.5	1,759.4	843.2
Floyd	8,327.3	326.0	187.5	451.3	442.1
Fluvanna	9,266.7	437.4	295.5	329.2	490.0
Franklin	24,789.7	1,021.9	571.7	1,730.2	433.5
Frederick	30,923.4	1,478.6	1,159.4	1,975.8	1,122.6
Giles	13,492.7	599.4	335.7	688.9	450.8
Gloucester	21,082.3	1,262.7	277.5	1,543.6	960.8
Goochland	9,994.0	518.1	184.7	885.2	342.7
Grayson	9,977.3	390.8	108.8	799.9	351.6
Greene	7,216.2	357.8	156.5	454.8	115.9
Greensville	11,654.0	305.0	135.5	785.3	274.5
Halifax	22,696.5	504.8	272.0	1,146.4	569.1
Hanover	44,698.5	2,465.8	569.8	4,186.8	1,450.6
Henrico	205,500.6	13,370.2	3,031.9	35,013.2	14,042.4
Henry	40,588.2	1,330.1	640.3	3,100.9	1,309.3
Highland	2,258.9	187.6	57.8	267.6	86.6
Isle of Wight	18,440.1	1,073.2	268.8	807.1	696.2
James City	28,419.4	1,506.9	517.7	4,506.6	1,923.9
King and Queen	4,980.1	420.2	92.6	357.2	138.7
King George	10,933.2	463.7	214.3	821.2	344.4
King William	7,379.3	445.4	162.3	706.0	288.0
Lancaster	7,320.6	384.3	204.4	661.2	224.5
Lee	21,812.4	1,166.4	292.0	872.3	493.4

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TABLE 11.19A

Local Government Maintenance and Operations Expenditures by
Function for Virginia's Counties and Cities: 1987, *CONTINUED*

	Total Expenditures	Function			
		General Government Administration	Judicial Administration	Public Safety	Public Works
Loudoun	83,919.2	4,801.2	1,298.7	8,983.5	949.7
Louisa	15,251.2	648.5	259.3	1,171.0	373.2
Lunenburg	8,562.8	257.1	166.8	379.1	199.9
Madison	7,604.8	290.8	170.8	426.6	148.5
Mathews	5,807.0	397.1	147.3	521.3	170.7
Mecklenburg	20,031.9	893.4	246.5	1,359.6	358.9
Middlesex	5,727.8	320.8	219.9	437.5	287.3
Montgomery	37,174.7	1,793.9	461.0	2,003.1	575.3
Nelson	10,260.4	466.7	187.5	774.4	364.4
New Kent	8,441.6	490.7	245.6	662.3	369.8
Northampton	11,761.6	524.8	176.7	619.5	718.0
Northumberland	7,041.0	531.3	82.3	712.1	269.6
Nottoway	10,028.5	409.4	111.2	527.6	169.0
Orange	15,169.2	447.9	220.5	985.5	385.4
Page	13,623.2	567.8	393.1	779.6	219.1
Patrick	11,569.5	451.6	311.2	602.7	405.8
Pittsylvania	40,992.1	893.6	1,359.1	1,630.6	860.8
Powhatan	9,080.2	515.7	191.3	684.2	251.7
Prince Edward	10,098.2	412.4	165.7	706.4	335.0
Prince George	22,783.3	1,050.9	280.9	1,490.4	448.6
Prince William	221,795.0	10,410.1	4,050.3	31,952.5	7,262.3
Pulaski	26,663.2	1,317.4	617.5	1,685.2	790.1
Rappahannock	4,648.5	213.8	111.2	458.3	141.3
Richmond	5,528.0	327.6	190.9	420.7	158.1
Roanoke	76,143.7	3,895.6	1,198.6	7,425.8	3,112.1
Rockbridge	13,517.6	870.1	308.9	941.4	791.3
Rockingham	37,718.1	1,164.3	375.8	1,878.0	681.8
Russell	25,111.7	838.6	579.4	1,030.8	1,698.3
Scott	17,640.9	562.8	458.9	896.5	564.6
Shenandoah	20,493.9	481.6	280.0	1,084.4	628.3
Smyth	22,357.7	619.5	352.2	1,010.7	166.7
Southampton	12,648.8	482.5	227.6	1,106.4	630.2
Spotsylvania	38,485.0	1,697.4	524.8	3,687.6	1,094.9
Stafford	46,572.3	2,450.1	414.9	3,485.3	1,915.9
Surry	8,142.6	381.4	148.3	438.2	311.2
Sussex	9,083.7	481.6	264.8	863.2	359.5
Tazewell	39,519.6	1,988.6	649.1	1,426.2	2,445.1
Warren	16,358.7	542.8	373.5	1,138.7	603.6
Washington	31,802.0	836.5	522.3	1,642.4	685.6
Westmoreland	10,184.3	586.2	189.8	970.8	386.6
Wise	41,991.8	1,282.7	423.0	1,500.5	5,525.8
Wythe	18,512.6	667.9	550.8	947.5	496.1
York	44,609.1	2,454.6	543.3	4,692.8	2,569.7
Cities					
Alexandria	167,932.9	9,523.3	5,151.5	33,760.8	16,734.1
Bedford	5,759.3	491.2	25.0	744.5	1,241.8
Bristol	19,947.1	625.0	465.4	3,548.3	2,452.3
Buena Vista	6,624.8	352.9	121.0	595.6	1,139.9
Charlottesville	51,908.4	3,272.9	769.5	6,821.6	5,831.3
Chesapeake	163,864.9	8,179.5	2,230.0	24,854.0	20,438.0
Clifton Forge	6,877.7	258.4	112.8	541.0	898.0
Colonial Heights	17,120.7	1,068.8	525.0	1,765.4	1,759.3
Covington	8,135.2	590.3	62.0	824.6	1,348.4
Danville	47,100.9	2,558.4	619.2	7,949.5	5,132.8

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TABLE 11.19A

Local Government Maintenance and Operations Expenditures by Function for Virginia's Counties and Cities: 1987, *CONTINUED*

	Total Expenditures	Function			
		General Government Administration	Judicial Administration	Public Safety	Public Works
Emporia	4,375.1	492.3	143.7	854.6	941.5
Fairfax	27,049.3	2,518.1	161.0	7,738.1	2,528.3
Falls Church	16,671.8	1,292.5	152.8	2,777.1	2,259.6
Franklin	10,566.6	753.7	30.3	1,226.7	1,479.3
Fredericksburg	20,335.3	1,740.4	525.5	3,673.4	2,537.5
Galax	7,356.6	668.1	47.3	828.5	1,109.4
Hampton	137,419.0	6,950.2	1,486.4	20,581.9	14,459.8
Harrisonburg	20,313.3	1,317.8	89.8	2,896.8	2,518.4
Hopewell	26,671.1	1,311.7	177.8	3,921.7	3,110.1
Lexington	4,891.2	409.8	20.7	658.8	901.7
Lynchburg	73,210.2	2,781.3	1,092.3	14,443.6	7,691.7
Manassas	27,774.0	1,708.3	264.9	3,324.7	4,111.8
Manassas Park	7,177.8	521.5	58.6	841.6	578.2
Martinsville	20,921.8	1,238.8	460.8	3,395.7	2,606.1
Newport News	190,856.9	9,510.7	2,239.2	28,539.4	26,661.2
Norfolk	298,025.5	11,802.6	2,927.3	54,136.1	27,990.7
Norton	5,659.0	389.8	93.8	574.8	706.3
Petersburg	46,770.0	2,326.2	795.4	8,724.4	4,053.2
Poquoson	10,674.6	919.9	52.4	1,157.4	746.2
Portsmouth	130,771.6	5,029.9	1,939.4	24,220.0	11,976.5
Radford	12,126.1	849.0	302.3	1,842.9	1,978.5
Richmond	319,093.6	11,786.1	4,849.3	60,748.4	32,539.4
Roanoke	109,284.4	6,409.4	2,226.2	17,825.4	17,266.2
Salem	26,432.9	2,192.4	498.7	4,053.9	4,347.5
South Boston	6,822.6	322.5	55.1	947.6	1,137.4
Staunton	20,134.5	1,056.7	351.0	3,020.2	2,932.9
Suffolk	50,991.8	3,470.6	933.0	6,462.1	3,468.0
Virginia Beach	354,345.5	15,370.0	2,462.0	53,335.5	42,987.0
Waynesboro	17,407.5	1,292.8	263.0	2,327.6	1,893.5
Williamsburg	12,692.5	777.3	93.6	2,497.2	1,932.6
Winchester	22,031.3	1,959.2	329.1	2,659.8	1,745.0
Towns					
Abingdon	1,515.0	241.6	...	449.7	584.3
Altavista	1,419.0	338.7	...	344.4	566.0
Ashland	1,501.0	230.3	...	498.0	730.1
Big Stone Gap	1,566.2	272.6	...	473.0	508.4
Blacksburg	5,490.2	725.3	4.6	1,982.4	2,168.9
Blackstone	1,519.4	260.5	...	485.8	597.6
Bluefield	1,425.6	424.9	...	476.1	440.2
Cape Charles	1,066.7	92.9	...	100.5	149.8
Christiansburg	2,881.6	314.6	...	880.8	1,279.7
Colonial Beach	2,366.9	197.2	...	297.3	210.2
Culpeper	2,407.7	446.1	...	759.2	955.9
Farmville	2,056.6	325.6	...	657.5	1,014.9
Fries	650.6	22.6	...	45.3	41.0
Front Royal	3,850.4	822.6	...	1,011.9	1,435.4
Herndon	5,796.9	958.3	...	1,904.0	1,570.6
Leesburg	4,521.2	840.7	...	855.5	2,552.2
Luray	1,215.5	214.8	...	297.6	632.4
Marion	2,012.1	401.2	...	698.7	751.1
Pulaski	4,249.4	614.3	...	1,176.7	1,148.8
Richlands	1,758.5	570.3	...	499.9	515.4
Rocky Mount	1,250.1	169.8	...	329.2	695.2
Smithfield	958.1	130.2	...	409.1	378.0
South Hill	1,624.7	112.4	...	625.8	823.4

CONTINUED ➡

**TABLE 11.19A**
Local Government Maintenance and Operations Expenditures by Function for Virginia's Counties and Cities: 1987, CONTINUED

	Total Expenditures	Function			
		General Government Administration	Judicial Administration	Public Safety	Public Works
Tazewell	1,022.1	190.0	—	279.4	424.4
Vienna	7,270.5	2,714.9	—	1,568.0	2,316.5
Vinton	2,280.3	323.1	—	824.5	926.1
Warrenton	2,340.9	255.5	—	766.9	1,260.7
West Point	3,621.5	142.6	—	206.5	286.9
Wise	1,159.7	130.0	—	400.0	582.4
Wytheville	2,450.1	360.8	—	687.9	1,190.8
MSAs					
Bristol (Va. portion)	70,905.0	2,265.9	1,446.5	6,536.9	4,286.9
Charlottesville	118,704.7	6,627.8	2,178.2	11,246.8	8,046.2
Danville	88,092.9	3,452.0	1,978.3	9,580.0	5,993.6
Lynchburg	127,748.9	5,162.5	1,744.3	17,511.6	9,894.7
Norfolk	1,443,753.1	67,235.0	15,701.9	226,526.6	156,114.4
Northern Virginia	1,832,700.9	110,362.3	24,368.5	254,458.5	125,884.3
Richmond	923,679.3	44,228.3	13,441.4	145,403.9	65,922.7
Roanoke	232,349.6	13,509.1	4,454.8	31,543.1	26,079.2
Planning Districts					
LENOXISCO	89,830.1	3,804.3	1,267.6	4,717.1	8,380.9
Cumberland Plateau	131,465.4	5,758.9	2,051.2	6,409.6	14,622.9
Mount Rogers	138,877.9	5,644.6	2,635.1	11,922.0	8,372.6
New River Valley	110,405.2	6,540.0	1,908.8	10,711.3	8,834.1
Fifth	263,924.9	15,220.4	4,983.5	34,429.5	28,942.9
Central Shenandoah	169,193.1	8,041.0	2,010.8	15,757.7	12,097.7
Lord Fairfax	116,422.7	6,439.1	2,793.6	9,666.1	6,500.7
Northern Virginia	1,786,128.6	107,912.2	23,953.6	250,973.2	123,968.4
Rappahannock Rapidan	85,280.5	3,409.9	1,288.8	6,435.6	4,105.0
Thomas Jefferson	144,216.3	7,743.0	2,625.0	13,192.2	8,783.8
Central Virginia	169,416.1	6,707.6	2,172.8	20,679.2	11,977.6
West Piedmont	187,212.1	7,664.1	3,962.4	18,738.7	11,443.6
Southside	62,761.7	2,284.7	807.8	4,716.2	3,195.2
Piedmont	62,320.3	3,106.3	1,001.6	4,473.1	3,138.6
Richmond Regional	790,442.1	37,930.5	11,356.8	128,419.5	55,846.0
RADCO	132,211.3	6,890.1	1,916.4	12,818.1	6,332.0
Northern Neck	32,440.7	2,026.5	667.3	3,062.1	1,249.1
Middle Peninsula	56,071.9	3,318.6	1,064.1	4,393.9	2,349.3
Crater	164,492.7	7,958.1	2,776.8	19,925.7	11,963.3
Southeastern Virginia	1,040,613.0	46,292.1	11,018.5	166,557.1	110,043.9
Peninsula	424,671.4	22,119.6	4,932.7	61,975.3	48,293.5
Accomack Northampton	35,981.9	1,535.9	500.0	1,923.8	1,758.7

SOURCE: Commonwealth of Virginia, Auditor of Public Accounts. *Comparative Report on Local Government Revenues and Expenditures Year Ended June 30, 1987*. Richmond, Virginia, annual.

NOTES: In thousands of dollars.

Data for towns are included in state, metropolitan statistical area (MSA), and planning district (PD) totals.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 11.19B

Local Government Maintenance and Operations Expenditures by Function for Virginia's Counties and Cities: 1987, Continued

	Function				
	Health & Welfare	Education	Parks, Recreation, & Cultural	Community Development	Non-Departmental
Virginia	\$446,683.7	\$3,696,017.1	\$216,675.8	\$122,332.8	\$4,530.9
Counties					
Accomack	2,230.3	16,950.3	399.3	237.5	...
Albemarle	2,216.1	36,280.6	1,544.4	1,505.7	...
Alleghany	768.6	9,887.3	184.4	17.0	...
Amelia	536.1	4,842.3	74.6	60.4	...
Amherst	983.8	14,818.6	352.2	111.8	...
Appomattox	590.8	6,998.8	95.7	60.2	...
Arlington	24,003.5	88,589.0	18,366.7	9,192.3	...
Augusta	1,680.9	31,648.6	730.7	347.3	...
Bath	310.6	5,000.9	173.2	299.9	...
Bedford	1,215.2	21,656.0	373.5	196.1	...
Bland	269.1	3,506.2	23.8	37.5	...
Botetourt	784.5	13,961.1	225.1	176.0	...
Brunswick	824.8	8,935.8	123.9	72.7	...
Buchanan	2,229.6	27,940.1	282.1	109.1	10.3
Buckingham	540.0	6,810.2	28.6	39.2	...
Campbell	2,111.5	25,907.4	891.5	138.0	750.0
Caroline	879.4	12,373.7	107.8	159.5	...
Carroll	1,066.8	14,030.3	95.3	61.9	...
Charles City	737.1	4,439.4	100.1	267.7	...
Charlotte	747.4	6,995.0	64.7	44.3	...
Chesterfield	8,028.0	128,555.7	4,844.6	3,886.3	575.0
Clarke	319.8	5,812.8	244.6	86.5	...
Craig	166.2	2,162.9	1.5	19.8	...
Culpeper	967.0	14,752.3	64.4	227.3	...
Cumberland	439.1	4,253.9	10.0	30.7	...
Dickenson	1,644.1	15,707.7	179.7	159.2	...
Dinwiddie	1,088.0	13,837.1	91.5	242.0	...
Essex	473.2	5,528.4	92.2	47.4	...
Fairfax	68,841.8	624,282.1	31,309.3	25,823.9	...
Fauquier	1,490.8	27,475.9	930.7	406.8	...
Floyd	362.0	6,384.5	118.9	55.0	...
Fluvanna	591.2	6,689.5	106.7	327.3	...
Franklin	1,295.6	18,821.6	421.3	493.8	...
Frederick	1,140.0	22,673.5	1,096.8	276.7	...
Giles	813.6	10,370.4	160.7	73.2	...
Gloucester	988.7	15,537.2	276.6	235.2	...
Goochland	1,171.8	6,701.8	77.6	112.2	...
Grayson	738.3	7,254.4	227.1	67.8	38.7
Greene	442.5	5,467.5	61.7	159.4	...
Greensville	796.4	8,881.1	150.2	326.1	...
Halifax	1,631.5	18,114.9	212.1	245.6	...
Hanover	2,515.6	32,073.6	691.3	745.2	...
Henrico	9,913.1	119,744.7	8,089.8	2,295.3	...
Henry	1,838.4	31,320.9	702.7	345.6	...
Highland	152.1	1,471.7	14.4	21.1	...
Isle of Wight	1,364.1	13,576.4	492.7	161.6	...
James City	1,635.4	16,146.6	962.7	1,219.6	...
King and Queen	474.9	3,439.0	...	57.5	...
King George	585.2	8,015.8	283.3	205.2	...
King William	361.4	5,205.7	64.3	64.2	81.8
Lancaster	799.1	4,925.5	58.8	60.4	2.3
Lee	1,917.8	16,853.0	120.7	96.9	...

CONTINUED ➡



TABLE 11.19B

Local Government Maintenance and Operations Expenditures by
Function for Virginia's Counties and Cities: 1987, *CONTINUED*

	Function				
	Health & Welfare	Education	Parks, Recreation, & Cultural	Community Development	Non- Departmental
Loudoun	8,145.3	53,743.1	3,488.0	2,509.8	...
Louisa	997.3	11,483.4	210.1	108.5	...
Lunenburg	421.5	6,892.0	71.9	174.6	...
Madison	462.2	6,038.7	21.0	46.3	...
Mathews	336.5	4,110.1	89.7	34.4	...
Mecklenburg	1,498.1	15,358.7	187.0	129.6	...
Middlesex	423.5	3,938.6	31.3	68.9	...
Montgomery	2,074.5	28,878.8	774.7	613.4	...
Nelson	636.9	7,560.1	147.2	123.2	...
New Kent	415.0	6,119.9	18.2	120.1	...
Northampton	1,247.2	8,187.5	117.8	170.1	...
Northumberland	503.7	4,843.3	33.3	65.3	...
Nottoway	668.2	7,942.7	55.2	145.2	...
Orange	881.0	12,073.8	115.9	59.0	...
Page	897.9	10,605.8	41.0	118.8	...
Patrick	623.8	8,868.7	253.6	52.0	...
Pittsylvania	2,286.5	33,035.5	350.4	476.5	99.1
Powhatan	930.5	6,385.5	30.8	90.5	...
Prince Edward	918.0	7,462.9	33.8	63.9	...
Prince George	875.4	18,059.3	239.6	338.2	...
Prince William	13,344.7	147,129.2	4,028.4	3,617.4	...
Pulaski	2,118.3	19,531.5	281.0	260.4	61.8
Rappahannock	317.3	3,285.2	38.7	82.6	...
Richmond	464.8	3,914.7	...	51.2	...
Roanoke	2,887.9	54,913.4	1,987.2	694.2	28.9
Rockbridge	910.1	9,169.5	437.3	89.1	...
Rockingham	1,524.8	30,946.2	435.7	711.5	...
Russell	1,984.4	18,716.4	152.6	111.2	...
Scott	1,180.1	13,755.1	96.0	126.9	...
Shenandoah	1,212.8	16,466.8	189.4	150.6	...
Smyth	2,054.8	17,634.3	373.8	145.6	...
Southampton	1,431.7	8,447.8	137.9	184.7	...
Spotsylvania	1,489.1	28,712.5	765.9	512.7	...
Stafford	1,477.4	34,991.4	1,210.6	626.7	...
Surry	818.2	5,610.0	206.4	228.9	...
Sussex	864.7	6,107.4	82.5	60.1	...
Tazewell	2,426.8	29,692.0	569.5	322.3	...
Warren	1,126.8	12,341.4	119.5	112.4	...
Washington	2,087.0	25,253.8	468.8	180.7	124.9
Westmoreland	841.6	6,931.9	231.0	46.5	...
Wise	2,448.8	30,137.9	514.6	158.5	...
Wythe	1,309.3	14,186.6	206.7	147.8	...
York	2,776.6	29,954.3	915.9	701.9	...
Cities					
Alexandria	22,862.2	63,713.7	9,639.5	6,547.7	...
Bedford	94.3	2,692.5	398.3	71.6	...
Bristol	1,270.2	10,667.1	752.4	166.4	...
Buena Vista	176.0	4,009.4	195.5	34.4	...
Charlottesville	6,440.2	24,805.9	3,055.3	911.7	...
Chesapeake	11,867.6	90,293.9	3,940.1	2,061.9	...
Clifton Forge	248.0	4,681.4	130.8	7.3	...
Colonial Heights	641.0	10,681.9	594.6	84.7	...
Covington	241.8	4,608.9	412.5	46.8	...
Danville	2,683.7	24,675.8	2,220.5	1,081.5	179.5

CONTINUED ➡

TABLE 11.19B

Local Government Maintenance and Operations Expenditures by Function for Virginia's Counties and Cities: 1987, *CONTINUED*

	Function				
	Health & Welfare	Education	Parks, Recreation, & Cultural	Community Development	Non-Departmental
Emporia	412.2	1,198.1	255.1	77.7	...
Fairfax	1,046.9	11,105.7	1,505.5	445.6	...
Falls Church	763.1	7,604.6	1,312.8	509.3	...
Franklin	504.7	6,210.2	259.1	102.6	...
Fredericksburg	1,137.5	9,156.3	973.7	591.0	...
Galax	425.1	3,860.2	407.9	10.1	...
Hampton	9,643.6	74,020.5	5,559.0	4,717.6	...
Harrisonburg	727.9	11,319.1	1,358.6	85.1	...
Hopewell	1,534.4	15,178.3	815.1	431.0	190.8
Lexington	158.6	2,244.7	241.6	242.2	13.0
Lynchburg	5,192.1	36,905.8	3,513.3	1,584.3	5.8
Manassas	1,153.8	15,975.5	925.8	309.2	...
Manassas Park	464.6	4,393.0	209.7	110.6	...
Martinsville	1,372.2	11,092.9	618.4	136.8	...
Newport News	11,991.6	99,874.9	8,424.2	3,615.6	...
Norfolk	30,167.9	147,757.6	19,591.8	3,651.5	...
Norton	391.4	3,337.0	136.6	20.2	8.9
Petersburg	4,941.3	23,290.5	1,141.6	1,386.8	110.5
Poquoson	176.4	7,255.2	298.5	68.7	...
Portsmouth	14,906.9	64,981.6	6,083.2	1,634.1	...
Radford	535.2	6,007.0	514.4	96.7	...
Richmond	40,475.7	144,174.5	14,846.6	8,193.6	1,479.9
Roanoke	9,304.2	52,768.5	2,753.7	730.8	...
Salem	439.6	13,273.9	1,168.2	458.6	...
South Boston	124.0	3,933.4	250.3	40.9	11.4
Staunton	1,435.0	9,874.4	755.2	602.0	107.0
Suffolk	4,207.0	30,036.0	1,620.2	795.0	...
Virginia Beach	21,946.0	192,510.2	15,368.2	10,366.5	...
Waynesboro	939.0	9,395.5	998.0	153.2	144.9
Williamsburg	442.6	4,884.0	966.4	887.0	211.7
Winchester	1,086.1	12,731.9	1,297.4	222.7	...
Towns					
Abingdon	5.4	...	107.5	58.6	67.9
Altavista	...	...	169.8	...	...
Ashland	1.0	...	14.5	27.1	...
Big Stone Gap	23.5	...	173.0	115.8	...
Blacksburg	3.6	...	426.4	179.0	...
Blackstone	...	...	140.0	35.5	...
Bluefield	3.2	...	53.3	13.6	14.3
Cape Charles	...	718.2	5.3	...	...
Christiansburg	1.3	...	184.3	16.7	204.1
Colonial Beach	2.7	1,629.0	7.9	22.6	...
Culpeper	...	...	171.2	75.3	...
Farmville	...	...	29.2	29.5	...
Fries	...	494.4	45.4	2.0	...
Front Royal	...	...	240.6	339.9	...
Herndon	...	...	1,116.6	239.3	8.2
Leesburg	3.7	...	18.9	250.2	...
Luray	...	...	70.8	...	...
Marion	...	...	116.1	45.0	...
Pulaski	1.2	...	345.9	962.5	...
Richlands	...	...	172.9	...	...
Rocky Mount	...	...	18.8	37.0	...
Smithfield	...	...	35.3	5.5	...
South Hill	1.2	...	34.9	26.9	...

CONTINUED ➡



TABLE 11.19B

Local Government Maintenance and Operations Expenditures by Function for Virginia's Counties and Cities: 1987, *CONTINUED*

	Function				
	Health & Welfare	Education	Parks, Recreation, & Cultural	Community Development	Non-Departmental
Tazewell	...	...	128.2	...	0.1
Vienna	...	...	671.1	...	...
Vinton	...	...	207.5	...	...
Warrenton	6.6	...	46.0	5.1	...
West Point	...	2,966.3	19.1	...	...
Wise	...	...	33.8	13.5	...
Wytheville	5.2	...	205.3	...	...
MSAs					
Bristol (Va. portion)	4,542.7	49,676.0	1,424.7	532.6	192.8
Charlottesville	9,690.0	73,243.4	4,768.1	2,904.2	...
Danville	4,970.2	57,711.3	2,570.9	1,558.0	278.6
Lynchburg	8,287.3	77,631.8	4,926.9	1,834.0	755.8
Norfolk	110,750.1	773,251.9	64,006.8	29,954.6	211.7
Northern Virginia	142,107.2	1,051,527.2	73,802.8	50,182.1	8.2
Richmond	73,267.9	529,242.3	31,595.9	18,220.7	2,356.2
Roanoke	13,416.2	134,917.0	6,341.7	2,059.7	28.9
Planning Districts					
LENOWISCO	5,961.6	64,083.0	1,074.7	531.8	8.9
Cumberland Plateau	8,288.0	92,056.2	1,538.4	715.4	24.8
Mount Rogers	9,231.2	96,887.4	3,030.1	923.3	231.6
New River Valley	5,909.7	71,172.3	2,806.3	2,256.8	265.9
Fifth	14,840.8	156,257.5	7,070.8	2,150.6	28.9
Central Shenandoah	8,014.9	115,080.0	5,340.2	2,585.8	264.9
Lord Fairfax	5,783.3	80,632.2	3,300.1	1,307.6	...
Northern Virginia	140,629.8	1,016,535.8	72,592.2	49,555.3	8.2
Rappahannock-Rapidan	4,125.0	63,626.0	1,387.9	902.5	...
Thomas Jefferson	11,324.2	92,286.8	5,125.4	3,135.8	...
Central Virginia	10,187.6	108,979.1	5,794.4	2,161.9	755.8
West Piedmont	10,100.1	127,815.5	4,585.7	2,623.3	278.6
Southside	4,079.6	46,342.8	808.4	515.7	11.4
Piedmont	4,270.4	45,198.9	508.0	623.3	...
Richmond Regional	64,187.7	448,195.1	28,713.5	15,737.9	2,054.9
RADCO	5,568.6	93,249.7	3,341.2	2,095.2	...
Northern Neck	2,611.9	22,244.4	331.0	246.0	2.3
Middle Peninsula	3,058.1	40,725.3	573.2	507.5	81.8
Crater	11,971.6	102,843.7	3,576.6	3,175.7	301.3
Southeastern Virginia	86,395.8	553,813.7	47,528.5	18,963.4	...
Peninsula	26,666.2	232,135.4	17,126.6	11,210.4	211.7
Accomack-Northampton	3,477.5	25,856.0	522.4	407.6	...

SOURCE: Commonwealth of Virginia, Auditor of Public Accounts, *Comparative Report on Local Government Revenues and Expenditures Year Ended June 30, 1987*. Richmond, Virginia, annual.

NOTES: In thousands of dollars.

Data for towns are included in state, metropolitan statistical area (MSA), and planning district (PD) totals.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 11.20A

Local Government Expenditures by Class of Expenditure
for Virginia's Counties and Cities: 1982

	Total Expendi- tures	Total Direct Expenditures	Direct General Expenditures			
			Total	Capital Outlay	Education Services	
					Education	Libraries
Virginia	\$5,437,050	\$5,426,145	\$4,850,780	\$551,978	\$2,359,523	\$44,376
Counties						
Accomack	19,818	19,818	19,582	666	11,054	110
Albemarle	44,473	44,110	42,468	11,409	23,756	437
Alleghany	10,923	10,923	10,384	480	6,014	38
Amelia	5,083	5,083	5,083	738	3,789	27
Amherst	14,091	13,933	13,203	173	9,778	62
Appomattox	6,873	6,873	6,779	329	4,918	...
Arlington	202,720	202,418	167,760	4,592	62,878	3,231
Augusta	29,749	29,536	29,526	966	20,715	180
Bath	4,712	4,712	4,712	139	3,242	26
Bedford	19,723	19,623	19,623	1,328	14,939	...
Bland	2,795	2,795	2,795	38	1,997	12
Botetourt	15,984	15,862	15,678	3,241	11,516	77
Brunswick	10,243	10,243	9,396	539	6,582	48
Buchanan	38,081	37,915	37,896	10,479	26,245	120
Buckingham	7,119	7,119	7,105	320	5,051	...
Campbell	26,185	26,056	25,568	1,808	17,813	150
Caroline	9,751	9,686	9,646	325	6,967	30
Carroll	13,177	13,098	12,895	500	9,540	...
Charles City	4,626	4,626	4,626	52	3,220	...
Charlotte	6,301	6,258	6,182	143	4,669	43
Chesterfield	169,627	169,547	152,463	37,249	67,981	1,712
Clarke	5,743	5,726	5,599	196	3,851	20
Craig	2,393	2,373	2,373	335	1,431	...
Culpeper	20,152	20,027	18,207	4,324	9,240	20
Cumberland	3,845	3,845	3,845	28	3,014	1
Dickenson	16,617	16,433	16,224	519	10,401	78
Dinwiddie	14,465	14,411	14,287	1,594	11,176	60
Essex	5,470	5,470	5,286	129	3,641	16
Fairfax	766,257	766,423	711,152	63,677	390,405	8,835
Fauquier	27,132	26,925	24,701	2,350	17,471	527
Floyd	5,484	5,443	5,443	255	4,175	33
Fluvanna	5,555	5,514	5,470	171	4,141	13
Franklin	19,830	19,728	18,805	2,651	12,098	122
Frederick	21,505	21,386	21,293	851	14,533	90
Giles	14,567	14,528	13,798	2,416	9,863	62
Gloucester	12,284	12,207	12,004	1,382	7,683	6
Goochland	6,870	6,817	6,817	502	4,525	38
Grayson	7,977	7,924	7,914	315	4,819	46
Greene	4,965	4,947	4,947	546	3,417	28
Greensville	8,816	8,787	8,722	775	6,010	41
Halifax	19,001	18,899	18,782	2,281	13,028	71
Hanover	31,484	31,310	28,801	1,448	19,205	199
Henrico	182,994	182,994	173,403	16,855	76,468	2,157
Henry	30,112	29,963	29,963	1,188	22,481	226
Highland	1,795	1,781	1,768	34	1,128	14
Isle of Wight	13,976	13,848	13,612	792	8,906	46
James City	10,600	10,514	9,046	1,788	...	...
King and Queen	3,062	3,036	3,036	65	2,310	...
King George	6,113	6,062	6,003	54	4,391	111
King William	7,441	7,390	7,189	665	5,371	35

CONTINUED ➡



TABLE 11.20A

**Local Government Expenditures by Class of Expenditure
for Virginia's Counties and Cities: 1982, *CONTINUED***

	Total Expendi- tures	Total Direct Expenditures	Total	Direct General Expenditures		
				Capital Outlay	Education Services	
					Education	Libraries
Lancaster	5,758	5,726	5,703	136	3,486	14
Lee	15,286	15,175	14,923	296	11,409	90
Loudoun	58,056	57,646	54,919	3,459	33,387	672
Louisa	12,788	12,702	12,117	1,908	8,564	41
Lunenburg	6,875	6,835	6,650	239	5,026	24
Madison	5,916	5,866	5,821	628	4,715	14
Mathews	3,965	3,935	3,935	189	2,751	114
Mecklenburg	16,677	16,512	15,827	850	10,674	81
Middlesex	4,637	4,601	4,274	325	2,719	2
Montgomery	34,915	34,789	32,979	2,410	17,728	355
Nelson	7,267	7,197	7,197	101	5,492	31
New Kent	5,494	5,452	5,438	249	4,037	...
Northampton	29,428	29,326	24,569	699	6,508	50
Northumberland	5,039	4,976	4,976	246	3,536	5
Nottoway	10,279	10,242	8,478	339	5,167	45
Orange	11,482	11,377	10,945	297	7,759	44
Page	14,015	13,945	13,641	3,360	8,589	23
Patrick	8,480	8,434	8,434	817	6,383	...
Pittsylvania	29,970	29,757	29,517	681	22,503	178
Powhatan	5,770	5,735	5,735	160	4,327	2
Prince Edward	10,507	10,452	10,163	1,555	6,494	2
Prince George	14,460	14,588	14,550	496	11,368	66
Prince William	159,135	158,413	138,368	8,640	82,442	1,632
Pulaski	20,917	20,784	19,891	857	12,511	145
Rappahannock	2,766	2,736	2,695	59	2,034	16
Richmond	6,266	6,220	6,124	2,047	4,759	...
Roanoke	65,094	64,894	62,534	2,610	42,818	691
Rockbridge	10,641	10,547	10,202	498	7,126	75
Rockingham	31,711	31,711	29,333	1,167	20,510	109
Russell	21,821	21,673	20,898	559	12,924	61
Scott	12,980	12,873	12,720	590	9,249	65
Shenandoah	18,065	17,956	15,643	1,634	10,000	11
Smyth	19,991	19,832	19,111	1,791	11,069	130
Southampton	10,556	10,444	10,394	263	6,663	60
Spotsylvania	26,526	26,115	25,427	3,007	17,425	122
Stafford	35,295	35,165	30,536	4,209	21,700	143
Surry	6,085	6,085	6,078	214	3,872	16
Sussex	8,200	8,127	7,468	287	4,835	33
Tazewell	33,295	33,134	30,318	2,084	19,188	168
Warren	18,813	18,739	14,674	1,826	7,856	117
Washington	26,546	26,334	26,292	2,712	17,890	209
Westmoreland	10,924	10,839	10,706	1,614	6,125	55
Wise	36,725	36,553	30,243	3,345	19,033	321
Wythe	14,711	14,603	14,253	1,518	8,767	61
York	31,839	31,717	31,664	1,846	18,773	115
Cities						
Alexandria	148,959	148,959	148,959	24,618	45,059	1,654
Bedford	9,815	9,815	2,931	480	...	35
Bristol	35,372	35,142	15,949	583	7,303	110
Buena Vista	4,613	4,613	4,463	106	2,576	22
Charlottesville	54,468	54,157	34,827	1,285	16,484	373
Chesapeake	138,997	138,997	132,215	24,622	55,941	800
Clifton Forge	5,124	5,121	4,934	1,124	3,030	33

CONTINUED ➡

TABLE 11.20A

Local Government Expenditures by Class of Expenditure
for Virginia's Counties and Cities: 1982, *CONTINUED*

	Total Expendi- tures	Total Direct Expenditures	Total	Direct General Expenditures		
				Capital Outlay	Education Services	
					Education	Libraries
Colonial Heights	14,301	14,301	13,158	1,353	8,221	120
Covington	6,532	6,532	6,098	167	3,538	29
Danville	87,342	87,342	40,467	1,896	16,087	332
Emporia	2,556	2,556	2,266	404	...	24
Fairfax	15,461	15,461	11,547	1,021	113	1
Falls Church	17,632	17,631	12,489	1,214	4,752	462
Franklin	9,884	9,885	6,217	569	3,737	3
Fredericksburg	19,298	19,298	18,450	4,394	8,016	102
Galax	6,344	6,344	5,382	142	2,837	78
Hampton	102,307	101,771	95,960	5,627	44,260	603
Harrisonburg	32,934	32,934	20,888	8,725	6,534	...
Hopewell	41,072	41,072	41,072	2,349	10,079	127
Lexington	4,861	4,861	4,114	535	1,718	22
Lynchburg	72,493	72,087	67,498	9,928	25,470	719
Manassas	22,957	22,957	16,635	2,065	7,830	...
Manassas Park	6,797	6,797	6,445	332	3,280	55
Martinsville	26,464	26,464	16,857	1,841	7,083	144
Newport News	167,156	167,156	145,667	26,238	63,364	953
Norfolk	313,471	313,471	271,986	30,380	90,655	2,962
Norton	4,092	4,092	3,676	223	1,959	21
Petersburg	73,567	73,567	69,254	3,529	16,564	328
Poquoson	6,030	6,030	6,030	356	3,862	39
Portsmouth	126,595	126,595	118,913	14,454	38,256	832
Radford	14,609	14,609	7,954	914	3,554	82
Richmond	376,174	376,174	282,201	25,739	99,383	2,115
Roanoke	120,479	120,464	109,177	13,172	35,490	1,198
Salem	22,605	22,484	11,241	1,360	...	135
South Boston	6,047	6,047	5,064	566	2,451	59
Staunton	16,779	16,661	15,430	1,496	6,813	277
Suffolk	33,153	33,153	31,832	1,179	17,827	111
Virginia Beach	329,478	329,478	312,374	83,362	108,496	2,561
Waynesboro	12,658	12,658	12,451	654	6,195	303
Williamsburg	23,276	23,276	21,678	3,102	15,162	771
Winchester	19,593	19,486	17,808	3,357	7,408	375
MSAs						
Bristol (Va. portion)	74,898	74,349	54,961	3,885	34,442	384
Charlottesville	109,461	108,728	87,712	13,411	47,798	851
Danville	117,312	117,099	69,984	2,577	38,590	510
Lynchburg	112,769	112,076	106,269	11,909	53,061	931
Norfolk	1,295,186	1,294,365	1,189,369	194,336	464,279	9,753
Northern Virginia	1,433,269	1,431,870	1,298,810	113,827	651,846	16,685
Richmond	940,904	940,594	811,805	91,575	336,554	6,924
Roanoke	224,162	223,704	198,630	20,383	89,824	2,101
Planning Districts						
LENOWISCO	69,083	68,693	61,562	4,454	41,650	497
Cumberland Plateau	109,814	109,155	105,336	13,641	68,758	427
Mount Rogers	126,913	126,072	104,591	7,599	64,222	646
New River Valley	90,492	90,153	80,065	6,852	47,831	677
Fifth	249,134	248,653	222,419	22,489	103,846	2,201
Central Shenandoah	150,453	150,014	132,887	14,320	76,557	1,028
Lord Fairfax	97,734	97,238	88,658	11,224	52,237	636
Northern Virginia	1,397,974	1,396,705	1,268,274	109,618	630,146	16,542

CONTINUED ➡



TABLE 11.20A

**Local Government Expenditures by Class of Expenditure
for Virginia's Counties and Cities: 1982, CONTINUED**

	Total Expendi- tures	Total Direct Expenditures	Direct General Expenditures			
			Total	Capital Outlay	Education Services	
					Education	Libraries
Rappahannock-Rapidan	67,448	66,931	62,369	7,658	41,219	621
Thomas Jefferson	129,516	128,627	107,026	15,420	61,854	923
Central Virginia	149,180	148,387	135,602	14,046	72,918	966
West Piedmont	202,198	201,688	144,043	9,074	86,635	1,002
Southside	51,968	51,701	49,069	4,236	32,735	259
Piedmont	50,009	49,834	47,506	3,362	33,210	142
Richmond Regional	783,039	782,655	659,484	82,254	279,146	6,223
RADCO	96,983	96,326	90,062	11,989	58,499	508
Northern Neck	27,987	27,761	27,509	4,043	17,906	74
Middle Peninsula	36,859	36,639	35,724	2,755	24,475	173
Crater	183,522	183,494	176,855	11,001	72,125	815
Southeastern Virginia	976,110	975,871	897,543	155,621	330,481	7,375
Peninsula	341,208	340,464	310,045	38,957	145,421	2,481
Accomack-Norhampton	49,246	49,144	44,151	1,365	17,562	160

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Governments. *Compendium of Government Finances*. U.S. Government Printing Office, Washington, D.C., 1984.

NOTES: In thousands of dollars.

"Total Expenditures" excludes duplicative intergovernmental transactions.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 11.20B

**Local Government Expenditures by Class of Expenditure
for Virginia's Counties and Cities: 1982, Continued**

	Direct General Expenditures							
	Social Services & Income Maintenance				Public Safety			Environ- ment & Housing
	Public Welfare	Hospitals	Health	Highways	Police	Fire	Correction	Natural Resources
Virginia	\$229,947	\$74,608	\$83,558	\$177,024	\$258,356	\$159,040	\$72,093	\$5,893
Counties								
Accomack	3,444	...	397	76	455	316	259	...
Albemarle	1,402	...	...	332	930	446	256	88
Alleghany	781	...	127	9	409	119	205	24
Amelia	226	...	52	4	144	24	19	29
Amherst	458	...	...	17	565	47	71	8
Appomattox	345	...	44	36	300	32	237	3
Arlington	12,712	...	7,637	11,544	14,387	11,040	3,365	268

CONTINUED ➡

TABLE 11.20B

Local Government Expenditures by Class of Expenditure
for Virginia's Counties and Cities: 1982, *CONTINUED*

	Direct General Expenditures							
	Social Services & Income Maintenance				Public Safety			Environ- ment & Housing
	Public Welfare	Hospitals	Health	Highways	Police	Fire	Correction	Natural Resources
Augusta	1,166	...	...	218	868	400	408	74
Bath	174	...	29	...	125	38	100	42
Bedford	991	...	77	...	790	67	475	30
Bland	181	...	22	...	148	3	23	24
Botetourt	520	...	...	12	544	58	235	11
Brunswick	482	...	81	143	344	113	210	27
Buchanan	1,215	...	58	153	645	110	453	59
Buckingham	501	...	51	7	142	71	80	16
Campbell	1,162	...	599	409	1,048	74	387	41
Caroline	372	...	51	17	311	113	282	40
Carroll	645	...	80	154	463	159	137	70
Charles City	315	...	27	...	119	21	7	17
Charlotte	385	...	...	40	203	28	122	28
Chesterfield	5,966	...	2,400	383	9,155	5,507	1,962	1,235
Clarke	207	...	30	80	327	32	117	21
Craig	137	...	...	13	85	6	9	14
Culpeper	436	...	333	408	922	35	245	41
Cumberland	226	...	57	...	114	9	8	18
Dickenson	688	...	...	2,245	338	88	253	74
Dinwiddie	704	...	25	27	355	207	99	39
Essex	257	...	...	34	170	79	81	42
Fairfax	20,707	342	21,574	4,613	31,138	25,256	3,535	499
Fauquier	719	...	4	415	1,138	85	119	63
Floyd	253	...	...	1	162	86	89	23
Fluvanna	320	...	...	...	209	65	29	12
Franklin	715	...	44	230	873	226	325	44
Frederick	645	...	54	25	716	95	331	20
Giles	557	...	134	376	680	120	106	49
Gloucester	522	...	25	3	496	95	51	29
Goochland	442	...	34	17	291	214	80	23
Grayson	586	...	23	56	421	118	39	61
Greene	226	...	7	5	147	20	7	2
Greensville	123	...	34	1	227	79	272	36
Halifax	1,118	...	51	16	687	138	118	79
Hanover	842	...	469	439	1,529	807	377	84
Henrico	5,489	...	2,571	7,253	12,129	6,841	4,220	249
Henry	1,281	...	...	16	1,222	156	413	49
Highland	87	2	2	...	87	7	52	17
Isle of Wight	1,134	...	41	214	654	102	43	66
James City	1,060	...	360	111	1,135	1,153	20	68
King and Queen	301	...	9	...	39	5	...	11
King George	296	...	...	25	222	55	30	14
King William	253	...	...	...	303	64	66	...
Lancaster	435	...	20	55	212	45	306	12
Lee	1,136	...	18	52	512	12	183	48
Loudoun	2,606	...	1,462	825	2,203	1,008	937	354
Louisa	492	85	27	44	453	114	234	7
Lunenburg	238	...	...	50	280	52	39	2
Madison	240	...	16	...	233	4	26	1
Mathews	210	...	18	6	142	15	14	...
Mecklenburg	719	...	2	461	860	120	400	112

CONTINUED ➡



TABLE 11.20B

**Local Government Expenditures by Class of Expenditure
for Virginia's Counties and Cities: 1982, *CONTINUED***

	Direct General Expenditures							
	Social Services & Income Maintenance				Public Safety			Environ- ment & Housing
	Public Welfare	Hospitals	Health	Highways	Police	Fire	Correction	Natural Resources
Middlesex	251	...	15	4	118	35	11	21
Montgomery	1,964	...	61	1,486	2,345	504	403	42
Nelson	300	...	...	...	250	33	67	5
New Kent	237	...	...	...	158	37	87	10
Northampton	754	8	38	3,843	440	38	58	83
Northumberland	277	...	14	16	247	63	143	...
Nottoway	488	...	19	402	555	91	115	26
Orange	593	...	4	181	510	112	162	29
Page	476	...	1	356	787	24	95	2
Patrick	366	...	33	184	238	27	186	7
Pittsylvania	1,027	...	94	119	1,132	169	724	82
Powhatan	330	...	13	...	238	110	1	35
Prince Edward	689	...	76	367	615	126	223	83
Prince George	375	...	8	27	750	110	84	1
Prince William	3,399	...	2,359	324	9,002	4,861	3,364	233
Pulaski	1,078	...	...	346	1,281	451	145	41
Rappahannock	167	...	...	6	101	3	6	1
Richmond	280	...	9	2	178	47	141	34
Roanoke	1,935	...	47	478	2,781	1,334	1,213	59
Rockbridge	539	1	135	19	305	349	148	28
Rockingham	914	...	272	248	1,089	371	299	126
Russell	929	...	55	67	389	184	227	6
Scott	544	...	...	73	663	102	180	44
Shenandoah	620	...	61	210	748	79	166	2
Smyth	1,166	...	47	821	928	55	332	4
Southampton	864	...	20	82	450	112	265	72
Spotsylvania	751	...	56	...	637	304	81	42
Stafford	855	...	76	524	932	752	399	36
Surry	654	...	50	6	366	29	135	...
Sussex	488	...	...	28	421	36	113	2
Tazewell	1,777	...	...	1,737	1,247	281	304	45
Warren	667	5	41	533	914	93	289	1
Washington	1,356	35	18	368	1,009	279	179	54
Westmoreland	432	...	19	63	616	56	145	36
Wise	1,088	...	47	659	1,521	123	353	56
Wythe	763	...	40	607	619	97	296	26
York	1,451	...	264	258	796	967	599	97
Cities								
Alexandria	10,754	323	6,337	8,662	10,314	7,092	2,277	...
Bedford	...	...	12	375	435	34	43	...
Bristol	571	...	125	889	1,136	869	565	...
Buena Vista	92	...	18	283	364	71	2	...
Charlottesville	2,062	...	2	2,268	2,181	1,344	615	...
Chesapeake	4,665	21,626	1,857	12,598	6,098	4,825	2,882	5
Clifton Forge	169	...	16	200	225	67	95	...
Colonial Heights	235	...	61	578	653	139	...	...
Covington	...	...	...	558	398	274	...	...
Danville	2,447	...	20	3,891	2,749	2,109	2,100	...
Emporia	...	...	36	508	549	80	21	...
Fairfax	28	...	...	2,384	2,425	1,528	...	...

CONTINUED ➡

TABLE 11.20B

Local Government Expenditures by Class of Expenditure
for Virginia's Counties and Cities: 1982, *CONTINUED*

	Direct General Expenditures							
	Social Services & Income Maintenance				Public Safety			Environ- ment & Housing
	Public Welfare	Hospitals	Health	Highways	Police	Fire	Correction	Natural Resources
Falls Church	226	...	71	1,601	1,160	75	...	...
Franklin	194	9	34	273	422	280	6	...
Fredericksburg	610	...	165	1,416	1,017	440	546	...
Galax	381	...	36	597	598	47	11	...
Hampton	5,013	...	707	5,150	6,029	4,213	1,707	...
Harrisonburg	336	...	118	1,093	745	406	14	...
Hopewell	813	13,908	194	1,760	1,134	867	307	...
Lexington	...	...	42	479	435	136	2	...
Lynchburg	4,175	...	69	4,388	4,037	3,554	2,283	...
Manassas	477	...	106	784	1,001	187	...	...
Manassas Park	251	...	44	275	423	184	5	...
Martinsville	807	...	112	737	1,233	563	628	...
Newport News	5,258	...	1,777	4,262	5,823	4,771	3,284	...
Norfolk	18,164	8,929	11,793	12,198	18,381	13,939	4,348	...
Norton	191	...	25	320	285	44	31	...
Petersburg	2,780	29,334	1,836	1,663	2,487	2,163	2,097	...
Poquoson	...	...	55	313	295	221	...	...
Portsmouth	5,454	...	3,235	4,424	9,351	5,643	2,085	...
Radford	287	...	38	372	451	245	117	...
Richmond	34,701	1	5,543	19,801	17,940	16,205	4,052	...
Roanoke	7,387	...	572	4,892	4,462	4,719	2,591	...
Salem	...	...	...	852	1,344	881	189	...
South Boston	7	...	49	961	458	191	15	...
Staunton	736	...	78	881	1,526	844	87	...
Suffolk	2,459	...	286	762	1,935	1,610	762	...
Virginia Beach	6,082	...	4,713	24,806	15,890	8,020	3,558	...
Waynesboro	460	...	42	1,298	794	348	4	...
Williamsburg	369	...	76	569	654	499	321	...
Winchester	612	...	40	789	1,337	481	139	...
MSAs								
Bristol (Va. portion)	2,471	35	143	1,330	2,808	1,250	924	98
Charlottesville	4,010	...	9	2,605	3,467	1,875	907	102
Danville	3,474	...	114	4,010	3,881	2,278	2,824	82
Lynchburg	5,795	...	668	4,814	5,650	3,675	2,741	49
Norfolk	50,497	30,555	25,148	65,454	66,883	45,956	19,617	199
Northern Virginia	52,015	665	39,666	31,536	72,985	51,983	13,882	1,390
Richmond	53,229	43,243	13,231	31,948	46,938	33,228	13,373	1,693
Roanoke	9,842	...	619	6,234	9,131	6,992	4,228	70
Planning Districts								
LENOWISCO	2,959	...	90	1,104	2,981	281	747	148
Cumberland Plateau	4,609	...	113	4,202	2,619	663	1,237	184
Mount Rogers	5,649	35	391	3,492	5,322	1,627	1,582	239
New River Valley	4,139	...	233	2,581	4,919	1,406	860	155
Fifth	10,929	...	762	7,014	10,248	7,458	4,537	108
Central Shenandoah	4,504	3	736	4,519	6,338	2,970	1,116	287
Lord Fairfax	3,227	5	227	1,993	4,829	804	1,137	46
Northern Virginia	51,160	665	39,590	31,012	72,053	51,231	13,483	1,354
Rappahannock-Rapidan	2,155	...	357	1,010	2,904	239	558	135
Thomas Jefferson	4,802	85	36	2,649	4,170	2,022	1,208	114

CONTINUED ➡



TABLE 11.20B
Local Government Expenditures by Class of Expenditure
for Virginia's Counties and Cities: 1982, *CONTINUED*

	Direct General Expenditures							
	Social Services & Income Maintenance				Public Safety			Environ- ment & Housing
	Public Welfare	Hospitals	Health	Highways	Police	Fire	Correction	Natural Resources
Central Virginia	7,131	...	801	5,225	7,175	3,808	3,496	82
West Piedmont	6,643	...	303	5,177	7,447	3,250	4,376	182
Southside	2,326	...	183	1,581	2,349	562	743	218
Piedmont	2,753	...	255	870	2,053	401	606	202
Richmond Regional	48,322	1	11,057	27,893	41,559	29,742	10,786	1,653
RADCO	2,884	...	348	1,982	3,119	1,664	1,338	132
Northern Neck	1,424	...	62	136	1,253	211	735	82
Middle Peninsula	1,794	...	67	47	1,268	293	223	103
Crater	6,172	43,242	2,294	4,598	6,942	3,710	3,128	78
Southeastern Virginia	39,016	30,564	21,979	55,357	53,181	34,531	13,949	143
Peninsula	13,151	...	3,239	10,663	14,732	11,824	5,931	165
Accomack-Norhampton	4,198	8	435	3,919	895	354	317	83

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Governments. *Compendium of Government Finances*. U.S. Government Printing Office, Washington, D.C., 1984.

NOTES: In thousands of dollars.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 11.20C
Local Government Expenditures by Class of Expenditure
for Virginia's Counties and Cities: 1982, Continued

	Direct General Expenditures							
	Environment & Housing				Government Administration		Interest on General Debt	Utility Expenditure
	Parks & Recreation	Housing & Community Development	Sewerage	Sanitation other than Sewerage	Financial	Other		
Virginia	\$122,240	\$88,655	\$289,110	\$110,392	\$117,552	\$226,738	\$189,866	\$535,691
Counties								
Accomack	128	202	89	505	846	852	145	236
Albemarle	367	627	7,328	337	1,306	2,316	1,611	1,642
Alleghany	52	...	170	205	331	445	1,330	539
Amelia	4	...	15	97	227	139	75	...
Amherst	71	36	429	362	262	464	430	730
Appomattox	80	...	26	115	237	216	79	94
Arlington	10,821	1,775	...	4,547	4,152	7,554	3,962	26,954
Augusta	146	167	...	201	591	827	1,095	10

CONTINUED ➡

TABLE 11.20C

Local Government Expenditures by Class of Expenditure
for Virginia's Counties and Cities: 1982, *CONTINUED*

Direct General Expenditures								
Environment & Housing					Government Administration		Interest on General Debt	Utility Expenditure
Parks & Recreation	Housing & Community Development	Sewerage	Sanitation other than Sewerage	Financial	Other			
Bath	55	36	19	122	137	255	24	...
Bedford	...	64	...	235	371	564	863	...
Bland	...	4	...	121	81	127	2	...
Botetourt	29	231	19	282	400	458	490	184
Brunswick	86	230	...	143	347	478	55	847
Buchanan	168	35	82	703	470	2,753	893	19
Buckingham	20	...	239	93	142	533	53	14
Campbell	407	90	104	313	812	931	375	488
Caroline	27	...	14	160	257	412	175	40
Carroll	135	108	98	80	294	441	201	203
Charles City	101	10	...	38	158	427	26	...
Charlotte	...	...	...	113	181	244	15	76
Chesterfield	4,944	1,038	28,619	1,629	3,846	3,812	9,039	17,084
Clarke	57	29	98	18	200	297	29	127
Craig	...	305	...	24	120	167	18	...
Culpeper	24	75	4,022	310	491	673	715	1,820
Cumberland	3	8	...	35	124	188	9	...
Dickenson	420	66	59	462	266	515	178	209
Dinwiddie	6	...	...	255	192	623	350	124
Essex	65	...	...	148	172	412	34	184
Fairfax	19,937	6,472	43,586	10,958	10,359	29,407	16,263	47,370
Fauquier	375	87	161	450	607	994	1,157	2,224
Floyd	3	3	...	118	125	246	10	...
Fluvanna	7	11	...	28	162	337	104	44
Franklin	123	...	158	286	601	643	244	923
Frederick	751	49	461	356	695	1,294	760	93
Giles	212	...	132	264	572	289	202	730
Gloucester	205	24	...	285	545	1,610	253	203
Goochland	31	109	...	102	159	530	88	...
Grayson	69	...	44	213	161	393	98	10
Greene	1	...	160	22	343	430	83	...
Greensville	484	51	...	225	293	558	49	65
Halifax	48	...	1,800	264	279	563	203	117
Hanover	151	...	631	758	822	1,354	641	2,509
Henrico	3,409	...	16,304	1,721	6,228	5,779	13,393	9,591
Henry	238	127	16	648	459	1,130	1,347	...
Highland	...	10	...	39	128	135	...	13
Isle of Wight	185	165	113	313	474	598	344	236
James City	98	262	435	900	675	1,704	610	1,468
King and Queen	...	...	...	25	103	181	23	...
King George	65	...	...	73	158	382	112	59
King William	15	39	30	231	281	357	82	201
Lancaster	28	...	10	111	332	350	62	23
Lee	35	...	6	263	281	629	124	252
Loudoun	1,702	863	715	499	1,523	2,965	1,576	2,727
Louisa	39	160	...	242	262	690	312	585
Lunenburg	3	39	105	199	163	200	25	185
Madison	1	24	...	16	132	263	50	45
Mathews	22	22	68	82	119	250	42	...
Mecklenburg	32	...	51	306	469	354	242	685

CONTINUED ➡



TABLE 11.20C

Local Government Expenditures by Class of Expenditure
for Virginia's Counties and Cities: 1982, *CONTINUED*

	Direct General Expenditures							
	Environment & Housing				Government Administration		Interest on General Debt	Utility Expenditure
	Parks & Recreation	Housing & Community Development	Sewerage	Sanitation other than Sewerage	Financial	Other		
Middlesex	...	14	...	205	247	357	42	327
Montgomery	616	553	1,571	664	1,237	1,723	1,130	1,810
Nelson	15	63	64	183	119	428	96	...
New Kent	...	...	...	145	164	392	74	14
Northampton	80	...	...	268	283	314	11,600	4,757
Northumberland	22	41	33	130	138	220	15	...
Nottoway	29	...	...	229	489	208	282	1,764
Orange	32	...	186	195	498	335	217	432
Page	81	...	1,728	192	578	481	172	304
Patrick	87	32	38	57	166	337	113	...
Pittsylvania	8	99	...	496	614	777	1,294	240
Powhatan	...	...	...	145	152	254	96	...
Prince Edward	14	70	63	195	512	359	63	289
Prince George	76	311	102	50	215	637	304	38
Prince William	4,510	393	4,703	928	2,299	7,431	5,486	20,045
Pulaski	203	...	348	516	418	1,270	247	893
Rappahannock	7	12	...	56	113	139	17	41
Richmond	2	18	...	86	163	210	111	96
Roanoke	998	...	2,855	1,261	1,257	1,892	916	2,360
Rockbridge	129	...	4	373	206	407	130	345
Rockingham	172	...	1,227	331	911	1,364	649	2,378
Russell	99	53	178	407	537	603	3,918	775
Scott	4	358	145	292	279	405	157	153
Shenandoah	219	81	1,571	321	563	415	356	2,313
Smyth	130	...	359	748	662	505	80	721
Southampton	81	18	245	232	266	423	84	50
Spotsylvania	439	183	806	391	456	1,172	1,909	688
Stafford	537	...	...	197	591	1,443	1,652	4,629
Surry	65	119	6	189	82	333	106	7
Sussex	72	...	66	310	391	454	19	659
Tazewell	296	232	453	765	1,026	987	747	2,816
Warren	97	242	1,608	400	385	522	185	4,065
Washington	345	134	575	463	756	955	724	42
Westmoreland	75	...	150	227	455	496	44	133
Wise	378	386	356	1,181	1,067	431	523	6,310
Wythe	128	140	174	429	333	1,259	207	350
York	534	...	1,326	390	550	1,505	3,148	53
Cities								
Alexandria	4,613	2,134	15,275	2,694	3,389	14,964	10,028	...
Bedford	184	...	341	131	195	340	35	6,884
Bristol	407	346	1,370	472	287	448	384	19,193
Buena Vista	108	...	245	113	150	235	31	150
Charlottesville	1,343	1,008	1,490	1,014	899	1,784	757	18,940
Chesapeake	1,582	1,355	3,680	2,698	2,467	2,940	4,367	6,782
Clifton Forge	67	336	228	102	65	223	21	187
Colonial Heights	283	...	...	364	371	482	527	1,143
Covington	292	...	114	223	217	262	1	434
Danville	1,485	...	2,235	1,044	1,348	1,082	575	46,012
Emporia	41	...	95	141	242	...	20	290
Fairfax	208	...	540	517	967	1,039	565	3,647
Falls Church	596	...	140	394	945	917	215	5,142

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TABLE 11.20C
Local Government Expenditures by Class of Expenditure
for Virginia's Counties and Cities: 1982, *CONTINUED*

Direct General Expenditures								
	Environment & Housing				Government Administration		Interest on General Debt	Utility Expenditure
	Parks & Recreation	Housing & Community Development	Sewerage	Sanitation other than Sewerage	Financial	Other		
Franklin	37	174	78	225	96	376	169	3,638
Fredericksburg	532	919	602	462	603	1,897	511	848
Galax	193	9	...	169	184	181	17	962
Hampton	2,070	7,146	820	2,019	1,893	4,393	3,812	5,811
Harrisonburg	694	85	1,069	7,668	588	207	223	12,046
Hopewell	509	381	7,827	1,018	576	1,294	156	...
Lexington	120	...	327	237	132	129	26	747
Lynchburg	2,957	1,150	3,105	917	1,293	3,472	3,223	4,589
Manassas	267	...	1,732	352	361	1,634	953	6,322
Manassas Park	37	6	519	110	138	436	622	322
Martinsville	215	177	2,291	369	646	475	819	9,607
Newport News	3,726	11,694	4,579	6,661	8,834	11,965	5,369	18,960
Norfolk	14,505	14,237	4,727	8,976	4,260	10,844	9,764	35,624
Norton	67	...	...	127	317	...	30	416
Petersburg	1,231	377	2,005	817	700	1,552	2,299	4,313
Poquoson	146	38	47	41	188	187	195	...
Portsmouth	3,505	11,626	4,114	3,386	1,875	6,775	5,399	6,084
Radford	219	443	308	414	366	287	51	6,655
Richmond	9,330	10,678	14,926	6,983	6,632	13,408	17,948	87,441
Roanoke	3,228	4,614	5,521	1,895	2,485	9,824	4,110	5,258
Salem	563	...	1,294	1,744	747	1,109	1,611	11,243
South Boston	57	...	...	225	138	189	105	983
Staunton	678	375	787	562	563	561	294	1,231
Suffolk	669	23	617	899	936	1,938	636	1,321
Virginia Beach	6,887	860	77,883	8,029	6,780	14,277	15,702	17,104
Waynesboro	373	...	329	381	344	386	189	207
Williamsburg	592	1,259	...	217	214	402	33	1,598
Winchester	589	...	494	285	420	673	390	1,678
MSAs								
Bristol (Va. portion)	756	838	2,090	1,227	1,322	1,808	1,265	19,388
Charlottesville	1,718	1,646	8,978	1,401	2,710	4,867	2,555	20,626
Danville	1,493	99	2,235	1,540	1,962	1,859	1,869	46,252
Lynchburg	3,435	1,276	3,638	1,592	2,367	4,867	4,028	5,807
Norfolk	34,519	48,524	98,228	34,501	29,217	58,540	49,288	95,008
Northern Virginia	43,228	11,643	67,210	21,196	24,724	67,790	41,322	117,158
Richmond	20,071	12,904	70,414	14,025	20,215	30,544	44,941	122,257
Roanoke	4,818	4,845	9,689	5,182	4,889	13,283	7,127	19,045
Planning Districts								
LENOWISCO	484	744	507	1,863	1,944	1,465	834	7,131
Cumberland Plateau	983	386	772	2,337	2,299	4,858	5,736	3,819
Mount Rogers	1,407	741	2,620	2,695	2,758	4,309	1,713	21,481
New River Valley	1,253	999	2,359	1,976	2,718	3,815	1,642	10,088
Fifth	5,229	5,486	10,201	5,736	5,622	14,380	8,497	20,205
Central Shenandoah	2,475	673	4,007	10,027	3,750	4,506	2,661	17,127
Lord Fairfax	1,794	401	5,960	1,572	2,841	3,682	1,892	8,580
Northern Virginia	42,691	11,643	67,210	20,999	24,133	66,347	39,670	112,529
Rappahannock-Rapidan	439	198	4,369	1,027	1,841	2,404	2,156	4,562
Thomas Jefferson	1,772	1,869	9,042	1,826	3,091	5,985	2,962	21,211
Central Virginia	3,699	1,340	4,005	2,073	3,170	5,987	5,005	12,785
West Piedmont	2,156	435	4,738	2,900	3,834	4,444	4,392	56,782

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TABLE 11.20C
Local Government Expenditures by Class of Expenditure
for Virginia's Counties and Cities: 1982, *CONTINUED*

Direct General Expenditures								
	Environment & Housing				Government Administration		Interest on General Debt	Utility Expenditure
	Parks & Recreation	Housing & Community Development	Sewerage	Sanitation other than Sewerage	Financial	Other		
Southside	223	230	1,851	938	1,233	1,584	605	2,632
Piedmont	73	117	422	961	1,838	1,871	522	2,328
Richmond Regional	17,966	11,835	60,480	11,521	18,161	25,956	41,305	116,639
RADCO	1,600	1,102	1,422	1,283	2,065	5,306	4,350	6,264
Northern Neck	127	59	193	554	1,088	1,278	232	252
Middle Peninsula	307	99	98	976	1,467	3,167	476	915
Crater	2,767	1,239	10,101	3,369	3,062	5,933	3,830	6,639
Southeastern Virginia	27,451	28,458	91,457	24,758	17,154	38,171	36,465	70,839
Peninsula	7,166	20,399	7,207	10,228	12,354	20,156	13,167	27,890
Accomack-Norhampton	208	202	89	773	1,129	1,166	11,745	4,993

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Governments, *Compendium of Government Finances*. U.S. Government Printing Office, Washington, D.C., 1984.

NOTES: A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
 A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 11.21
Summary Distribution of Federal Funds to States for the
U.S., Virginia, and Surrounding States: Fiscal Year 1988

	Total	Grants to State & Local Governments	Salaries & Wages	Direct Payments for Individuals	Pro-curement	Other Programs
United States	\$884,131	\$114,610	\$134,285	\$409,229	\$188,670	\$37,336
Virginia	35,690	1,961	9,841	10,597	12,288	1,011
Delaware	2,088	319	336	1,066	318	49
District of Columbia	15,257	1,615	8,223	1,693	2,759	967
Florida	42,997	3,419	5,662	26,800	6,590	526
Georgia	18,451	2,964	4,175	8,866	1,944	502
Kentucky	10,686	1,766	1,861	6,142	629	288
Maryland	23,745	2,004	5,403	8,265	6,309	1,763
North Carolina	17,743	2,299	3,691	9,504	1,690	560
South Carolina	10,934	1,354	2,322	5,139	1,932	187
Tennessee	15,705	2,225	2,356	7,855	2,927	342
West Virginia	5,861	1,056	530	3,838	372	65

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Federal Expenditures by State for Fiscal Year 1988*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In millions of dollars.

TABLE 11.22
Total Federal Aid to States for the U.S., Virginia,
and Surrounding States: Fiscal Years 1983-1988

	1988	1987	1986	1985	1984	1983
United States	\$684,131	\$848,163	\$829,947	\$788,488	\$724,749	\$696,780
Virginia	35,698	31,392	28,039	26,980	24,251	24,989
Delaware	2,088	1,822	1,786	1,723	1,635	1,559
District of Columbia	15,257	14,530	14,436	13,613	12,866	11,508
Florida	42,997	41,398	39,537	37,384	33,224	32,538
Georgia	18,451	19,166	18,506	17,546	15,915	14,789
Kentucky	10,686	10,367	12,516	9,722	9,369	8,823
Maryland	23,745	23,186	21,686	20,807	18,783	18,125
North Carolina	17,743	16,598	15,746	15,005	13,626	12,856
South Carolina	10,934	10,383	9,944	9,808	8,947	8,312
Tennessee	15,705	15,300	15,917	13,553	13,610	12,915
West Virginia	5,861	5,325	5,409	5,017	4,825	4,724

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Federal Expenditures by State for Fiscal Year 1988*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In millions of dollars.

TABLE 11.23
Federal Government Expenditures for Salaries
and Wages, Virginia: Fiscal Years 1984-1988

Agency	1988	1987	1986	1985	1984
Total	\$9,840,898	\$9,191,566	\$8,704,578	\$8,182,855	\$7,706,216
Department of Defense	7,797,819	7,300,373	6,919,522	6,626,783	6,251,478
Military	4,439,141	4,212,264	3,927,025	3,655,832	3,460,781
Active	4,278,390	4,041,168	3,778,162	3,526,742	3,355,075
Inactive	160,751	171,096	148,863	129,090	105,706
Civilian	3,358,678	3,088,109	2,992,497	2,970,951	2,790,697
Postal Service	703,093	581,802	524,740	504,123	460,236
All Other Federal	1,339,986	1,309,391	1,260,316	1,051,949	994,502

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Federal Expenditures by State for Fiscal Year 1988*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In thousands of dollars.



TABLE 11.24
Federal Government Direct Payments to Individuals,
by Program, Virginia: Fiscal Years 1984–1988

Program	1988	1987	1986	1985	1984
Total	\$10,596,935	\$9,951,740	\$9,371,325	\$8,968,391	\$8,317,006
Black lung payments	106,447	108,341	104,578	115,153	104,896
Coal mine workers' compensation	49,714	50,048	45,135	53,650	43,029
Special benefits for disabled coal miners	56,733	58,293	59,443	61,503	61,867
National guaranteed student loan interest subsidies	35,210	25,989	42,991	53,688	62,311
Pell grant programs	57,948	54,470	46,679	38,432	55,972
Housing assistance	110,328	91,577	93,838	72,150	64,385
Social insurance payments for railroad workers	206,972	200,366	192,801	189,628	184,968
Federal payments for unemployment compensation	5,455	5,704	5,467	11,554	5,186
Medicare	1,516,576	1,415,155	1,314,720	1,242,755	1,048,933
Hospital insurance payments	924,273	888,313	870,653	855,245	723,938
Supplemental medical insurance payments	592,303	526,842	444,067	387,510	324,995
Social Security	4,205,502	3,956,622	3,778,253	3,565,439	3,356,438
Disability insurance payments	485,350	465,146	445,739	425,643	413,087
Retirement insurance payments	2,795,619	2,618,534	2,496,331	2,420,551	2,196,657
Survivors insurance payments	924,533	872,942	836,183	719,245	746,694
Supplemental security income payments	224,828	202,611	178,949	182,212	153,829
Excess earned income tax credits	57,853	28,708	28,663	22,352	24,396
Veterans compensation for service connected disability	251,870	241,093	246,676	239,057	229,802
Veterans dependency and indemnity compensation for service connected death	82,601	78,503	79,455	76,080	71,669
Veterans pensions for nonservice connected disability	58,184	57,717	60,604	61,725	62,409
Pensions to veterans' surviving spouses and children	29,893	30,058	32,364	31,866	32,043
Veterans educational assistance	28,119	29,753	31,402	31,867	44,280
Other veterans benefit programs	12,154	11,245	NE	NE	NE
Federal workers compensation	45,769	41,903	40,565	31,868	35,402
Federal retirement and disability payments	3,339,914	3,173,054	2,881,232	2,764,476	2,530,616
Military	1,388,958	1,375,415	1,253,996	1,206,560	1,061,424
Civilian	1,950,956	1,797,639	1,627,236	1,557,916	1,469,192
Food stamps	192,074	175,228	181,214	190,274	202,274
Other	29,238	23,643	30,874	47,815	47,197

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Federal Expenditures by State for Fiscal Year 1988*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In thousands of dollars.
 NE—No entry in source document.

TABLE 11.25

Federal Government Expenditures for Grants and Direct Payments
(Other Than for Individuals), Virginia: Fiscal Years 1984-1988

Program	1988	1987	1986	1985	1984
Total	\$1,011,449	\$832,730	\$708,521	\$676,034	\$586,701
Grants	145,602	132,986	109,656	99,866	66,549
Department of Health and Human Services	86,197	87,558	75,256	68,901	43,529
National Science Foundation	19,898	18,322	19,185	15,741	10,609
National Aeronautics and Space Administration	12,067	9,210	7,026	8,520	6,765
National Endowment for the Arts	1,232	935	913	1,193	1,034
National Endowment for the Humanities	4,037	3,141	3,308	1,702	2,031
ACTION	2,848	2,244	1,707	1,823	1,633
Other	17,323	11,576	2,261	1,986	948
Direct payments - other than for individuals	865,847	699,744	598,865	576,168	520,152
Commodity purchases - price supports	19	1,199	2,452	64	292
Wheat production stabilization payments	8,458	8,655	4,272	3,078	2,170
Crop insurance claims and payments	3,168	3,174	1,906	2,188	21,012
Feed grain production stabilization payments	43,564	30,337	19,140	10,376	1,703
Cotton production stabilization payments	110	NE	NE	NE	NE
Other agricultural programs	19,594	37,516	6,738	4,788	3,709
Federal employees life and health insurance program	700,629	553,278	457,071	492,169	441,396
National flood insurance claim payments	1,790	2,519	39,184	406	1,930
Postal service	64,275	43,580	44,512	42,902	32,087
Legal Services Corporation grants	5,738	5,770	5,549	5,482	5,008
Other	18,502	13,572	18,041	14,715	10,845

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Federal Expenditures by State for Fiscal Year 1988*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In thousands of dollars.
NE—Program not listed in source document.



TABLE 11.26A
Federal Government Expenditures or Obligations
to Virginia's Counties and Cities: Fiscal Year 1988

Direct Federal Expenditures or Obligations						
	Direct Expenditures or Obligations			Grant Awards	Salaries & Wages	
	Total	Defense Department	All other Agencies		Total	Defense Department
Virginia	\$35,873,703	\$19,420,427	\$16,453,276	\$2,281,775	\$9,840,899	\$7,797,819
Counties						
Accomack	146,765	20,623	126,142	10,037	30,872	4,450
Albemarle	71,802	6,552	65,250	6,031	3,349	634
Alleghany	11,767	59	11,708	2,511	279	...
Amelia	15,660	383	15,277	2,169	732	7
Amherst	55,874	1,838	54,036	4,091	1,803	68
Appomattox	24,409	1,021	23,388	3,034	1,641	10
Arlington	3,538,968	2,599,462	939,506	44,894	2,263,192	1,936,984
Augusta	73,999	2,822	71,177	6,770	2,955	29
Bath	12,588	372	12,216	955	1,013	...
Bedford	73,923	3,394	70,529	5,058	3,219	13
Bland	13,588	268	13,320	1,527	679	...
Botetourt	44,996	1,648	43,348	6,008	2,094	33
Brunswick	39,130	1,566	37,564	6,907	2,218	305
Buchanan	93,184	12,732	80,452	9,124	2,732	57
Buckingham	26,642	787	25,855	5,623	776	9
Campbell	71,881	8,080	63,801	7,086	4,386	1,814
Caroline	51,474	17,037	34,437	1,651	14,065	11,595
Carroll	44,989	1,155	43,834	5,864	1,617	4
Charles City	19,377	274	19,103	1,565	708	21
Charlotte	29,528	1,047	28,481	4,080	1,580	16
Chesterfield	194,205	55,323	138,882	32,102	11,388	4,593
Clarke	40,230	4,011	36,219	5,658	3,483	1,511
Craig	7,738	328	7,410	370	823	...
Culpeper	56,691	3,599	53,092	4,499	3,904	380
Cumberland	15,525	1,420	14,105	2,775	620	1
Dickenson	46,570	932	45,638	4,799	1,652	237
Dinwiddie	37,772	1,526	36,246	4,451	1,277	15
Essex	23,602	711	22,891	1,811	1,318	19
Fairfax	3,983,679	1,958,129	2,025,550	66,237	820,007	433,779
Fauquier	117,099	45,877	71,222	5,355	32,438	25,947
Floyd	24,452	457	23,995	3,774	1,483	2
Fluvanna	24,666	2,450	22,216	2,359	1,042	40
Franklin	60,803	1,557	59,246	5,857	3,222	35
Frederick	50,256	2,770	47,486	3,554	1,637	165
Giles	38,829	1,224	37,605	3,439	1,714	6
Gloucester	84,088	6,800	77,288	3,971	23,109	54
Goochland	18,494	663	17,831	1,687	1,417	25
Grayson	34,959	1,458	33,501	7,722	1,255	...
Greene	17,731	778	16,953	3,556	975	...
Greensville	13,547	93	13,454	2,825	72	1
Halifax	59,255	1,596	57,659	11,017	2,330	113
Hanover	89,022	3,526	85,496	4,023	4,445	426
Henrico	198,003	18,967	179,036	16,929	18,246	11,997
Henry	80,895	2,004	78,891	6,711	2,688	462
Highland	6,466	187	6,279	483	488	...
Isle of Wight	51,183	7,269	43,914	4,324	2,842	26
James City	30,511	589	29,922	2,664	847	8
King and Queen	43,449	28,745	14,704	1,679	29,337	28,431
King George	252,064	228,216	23,848	2,969	126,695	125,589
King William	21,811	715	21,096	2,092	959	157

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TABLE 11.26A

Federal Government Expenditures or Obligations to Virginia's
Counties and Cities: Fiscal Year 1988, *CONTINUED*

Direct Federal Expenditures or Obligations						
	Direct Expenditures or Obligations			Grant Awards	Salaries & Wages	
	Total	Defense Department	All other Agencies		Total	Defense Department
Lancaster	42,350	3,968	38,382	1,978	1,629	71
Lee	74,878	2,525	72,353	14,964	2,002	33
Loudoun	238,340	64,282	174,058	6,169	67,655	842
Louisa	41,861	2,469	39,392	4,957	1,723	35
Lunenburg	32,737	820	31,917	2,953	8,221	5
Madison	23,504	1,234	22,210	2,126	2,066	15
Mathews	50,718	2,740	47,978	944	2,356	14
Mecklenburg	100,732	36,263	64,469	8,813	4,051	1,418
Middlesex	25,462	1,480	23,982	1,178	1,940	93
Montgomery	277,881	157,793	120,088	39,916	8,042	2,396
Nelson	48,598	1,753	46,845	4,046	12,288	5
New Kent	18,438	1,599	16,839	1,404	1,164	153
Northampton	54,758	19,458	35,300	5,044	2,472	4
Northumberland	34,757	1,434	33,323	1,644	1,452	9
Nottoway	55,817	17,633	38,184	3,728	15,717	14,366
Orange	57,013	4,587	52,426	4,431	2,115	23
Page	47,758	3,151	44,607	3,337	3,108	7
Patrick	32,315	939	31,376	2,905	1,630	1
Pittsylvania	96,996	2,324	94,672	15,659	3,353	79
Powhatan	23,992	1,000	22,992	1,307	1,028	134
Prince Edward	51,768	10,669	41,099	5,425	3,053	75
Prince George	403,971	322,084	81,887	53,066	285,517	276,145
Prince William	580,449	394,185	186,264	9,714	281,485	227,256
Pulaski	73,073	3,164	69,909	6,468	3,110	898
Rappahannock	15,844	1,734	14,110	1,221	1,603	2
Richmond	20,255	648	19,607	1,446	1,116	14
Roanoke	96,654	28,093	68,561	4,518	25,900	23,977
Rockbridge	31,550	1,233	30,317	3,653	3,359	3
Rockingham	97,842	11,273	86,569	6,837	4,966	28
Russell	65,594	550	65,044	8,323	2,675	36
Scott	57,155	2,154	55,001	9,714	3,606	1,559
Shenandoah	70,535	4,701	65,834	3,267	4,148	181
Smyth	142,790	71,593	71,197	9,779	3,586	664
Southampton	41,129	915	40,214	7,527	1,637	9
Spotsylvania	65,129	2,776	62,353	8,981	2,629	7
Stafford	84,304	15,267	69,037	5,310	16,884	1,071
Surry	13,383	664	12,719	1,372	570	12
Sussex	26,876	645	26,231	4,127	1,238	28
Tazewell	133,894	1,726	132,168	15,339	5,978	243
Warren	52,317	2,752	49,565	3,201	4,410	71
Washington	87,061	5,531	81,530	12,784	3,049	367
Westmoreland	51,528	2,236	49,292	3,162	4,790	8
Wise	125,655	1,957	123,698	19,773	4,825	250
Wythe	62,890	1,927	60,963	7,757	3,757	69
York	233,446	147,787	85,659	9,046	93,519	69,541
Cities						
Alexandria	1,508,950	981,457	527,493	28,543	576,618	496,565
Bedford	19,539	1,507	18,032	819	1,963	81
Bristol	69,683	7,850	61,833	5,260	10,138	470
Buena Vista	14,302	388	13,914	1,399	1,074	2
Charlottesville	255,975	83,497	172,478	68,459	49,552	29,873
Chesapeake	307,767	82,106	225,661	21,137	27,215	15,273
Clifton Forge	19,196	519	18,677	976	518	30

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TABLE 11.26A

Federal Government Expenditures or Obligations to Virginia's Counties and Cities: Fiscal Year 1988, *CONTINUED*

Direct Federal Expenditures or Obligations						
	Direct Expenditures or Obligations			Salaries & Wages		
	Total	Defense Department	All other Agencies	Grant Awards	Total	Defense Department
Colonial Heights	44,511	8,663	35,848	1,322	1,424	41
Covington	37,979	1,886	36,093	1,570	2,642	528
Danville	139,450	21,755	117,695	14,450	7,541	1,775
Emporia	21,578	888	20,690	3,488	1,411	379
Fairfax	362,582	232,969	129,613	20,364	12,955	2,667
Falls Church	517,057	256,932	260,125	96,919	111,841	93,062
Franklin	27,260	847	26,413	3,745	1,175	57
Fredericksburg	81,120	15,971	65,149	3,318	7,387	365
Galax	26,948	1,315	25,633	2,565	1,815	573
Hampton	1,127,553	528,609	598,944	130,444	555,647	382,611
Harrisonburg	50,551	2,813	47,738	2,750	6,273	671
Hopewell	72,890	17,761	55,129	4,831	1,648	99
Lexington	25,117	5,928	19,189	1,434	4,135	2,788
Lynchburg	689,217	45,232	643,985	18,360	15,690	1,942
Manassas	597,874	572,127	25,747	8,148	5,583	3,472
Manassas Park	9,105	2,780	6,325	1,879	2,822	163
Martinsville	54,033	5,821	48,212	4,053	2,926	303
Newport News	5,754,423	5,427,447	326,976	34,428	337,735	321,994
Norfolk	3,354,081	2,675,939	678,142	94,824	2,067,322	1,965,217
Norton	23,825	1,058	22,767	1,306	5,809	...
Petersburg	130,180	3,852	126,328	21,783	7,299	694
Poquoson	27,921	21,875	6,046	287	1,520	1,463
Portsmouth	939,653	646,704	292,949	21,747	542,544	502,582
Radford	41,865	13,091	28,774	1,652	7,099	5,844
Richmond	1,649,306	231,336	1,417,970	515,056	342,567	132,938
Roanoke	417,913	52,549	365,364	36,321	54,746	5,117
Salem	165,190	13,717	151,473	2,838	43,852	2,003
South Boston	22,578	209	22,369	2,684	1,389	...
Staunton	65,073	4,778	60,295	4,401	5,659	1,846
Suffolk	118,436	7,874	110,562	15,440	4,864	454
Virginia Beach	1,375,206	955,491	419,715	45,086	621,056	590,249
Waynesboro	44,665	2,653	42,012	2,014	1,926	214
Williamsburg	95,747	40,061	55,686	5,538	15,351	10,950
Winchester	72,568	15,356	57,212	4,044	15,587	10,179
MSAs						
Bristol (Va. portion)	213,899	15,535	198,364	27,758	16,793	2,396
Charlottesville	370,174	93,277	276,897	80,405	54,918	30,547
Danville	236,446	24,079	212,367	30,109	10,894	1,854
Lynchburg	816,972	55,150	761,822	29,537	21,879	3,824
Norfolk	13,448,832	10,541,282	2,907,550	384,612	4,290,729	3,860,396
Northern Virginia	11,421,308	7,077,590	4,343,718	288,177	4,159,042	3,195,861
Richmond	2,900,161	666,574	2,233,587	659,526	678,128	427,281
Roanoke	724,753	96,007	628,746	49,685	126,592	31,130
Planning Districts						
LENOWISCO	281,513	7,694	273,819	45,757	16,242	1,842
Cumberland Plateau	339,242	15,940	323,302	37,585	13,037	573
Mount Rogers	482,908	91,097	391,811	53,258	25,896	2,147
New River Valley	456,100	175,729	280,371	55,249	21,448	9,146
Fifth	801,433	98,799	702,634	55,112	130,854	31,688
Central Shenandoah	422,153	32,447	389,706	30,696	31,848	5,581
Lord Fairfax	333,664	32,741	300,923	23,061	32,373	12,114
Northern Virginia	11,337,004	7,062,323	4,274,681	282,867	4,142,158	3,194,790

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TABLE 11.26A
Federal Government Expenditures or Obligations to Virginia's
Counties and Cities: Fiscal Year 1988, CONTINUED

Direct Federal Expenditures or Obligations						
	Direct Expenditures or Obligations			Grant Awards	Salaries & Wages	
	Total	Defense Department	All other Agencies		Total	Defense Department
Rappahannock-Rapidan	270,151	57,091	213,060	17,632	42,126	26,367
Thomas Jefferson	460,633	97,499	363,134	89,408	68,929	30,587
Central Virginia	934,843	61,072	873,771	38,448	28,702	3,928
West Piedmont	464,492	34,400	430,092	49,635	21,360	2,655
Southside	221,695	39,634	182,061	29,421	9,988	1,836
Piedmont	227,677	32,759	194,918	26,753	30,699	14,479
Richmond Regional	2,210,837	312,688	1,898,149	574,073	380,963	150,287
RADCO	534,091	279,267	254,824	22,229	167,660	138,627
Northern Neck	148,890	8,286	140,604	8,230	8,987	102
Middle Peninsula	249,130	41,191	207,939	11,675	59,019	28,768
Crater	764,708	356,176	408,532	97,265	300,456	277,414
Southeastern Virginia	6,214,715	4,377,145	1,837,570	213,830	3,268,655	3,073,867
Peninsula	7,269,601	6,166,368	1,103,233	182,407	1,004,619	786,567
Accomack-Northampton	201,523	40,081	161,442	15,081	33,344	4,454
Undistributed	1,246,703	...	1,246,703	322,107	1,537	...

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Consolidated Federal Funds Report Fiscal Year 1988, Volume I, County Areas*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In thousands of dollars.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 11.26B
Federal Government Expenditures or Obligations to
Virginia's Counties and Cities: Fiscal Year 1988, Continued

Direct Federal Expenditures or Obligations								
	Direct Payments for Individuals			Procurement Contract Awards		Other Federal Expenditures or Obligations	Other Federal Assistance	
	Total	Retirement & Disability	All Other	Total	Defense Department		Direct Loans	Guaranteed Loans & Insurance
Virginia ¹	\$10,597	\$8,553	\$2,044	\$12,288	\$10,217	\$866	\$109	\$5,690
Counties								
Accomack	73,111	60,170	12,941	31,517	7,609	1,228	1,027	31,299
Albemarle	60,969	48,650	12,319	1,040	664	413	861	19,874
Alleghany	8,886	7,760	1,126	30	...	61	292	4,615
Amelia	11,814	9,221	2,593	71	...	873	606	1,649
Amherst	41,071	33,429	7,642	8,721	...	188	338	4,308

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TABLE 11.26B

Federal Government Expenditures or Obligations to Virginia's
Counties and Cities: Fiscal Year 1988, *CONTINUED*

	Direct Federal Expenditures or Obligations						Other Federal Assistance	
	Direct Payments for Individuals			Procurement Contract Awards		Other Federal Expenditures or Obligations	Direct Loans	Guaranteed Loans & Insurance
	Total	Retirement & Disability	All Other	Total	Defense Depart- ment			
Appomattox	19,200	15,371	3,829	120	...	414	176	645
Arlington	432,576	371,251	61,325	798,307	619,129	...	...	86,868
Augusta	61,781	49,772	12,009	679	402	1,814	1,522	7,876
Bath	10,437	7,615	2,822	84	...	100	219	3,112
Bedford	63,730	54,073	9,657	876	599	1,041	505	3,873
Bland	10,650	8,061	2,589	508	...	224	209	475
Botetourt	35,862	29,788	6,074	627	109	405	472	26,333
Brunswick	28,200	20,038	8,162	631	444	1,174	433	1,690
Buchanan	68,431	55,402	13,029	12,598	12,205	299	533	16,060
Buckingham	19,657	14,388	5,269	112	30	473	201	480
Campbell	55,841	45,504	10,337	3,681	2,614	887	1,295	9,069
Caroline	30,575	23,501	7,074	3,792	3,538	1,392	702	5,828
Carroll	37,020	29,219	7,801	163	...	325	365	2,127
Charles City	8,024	6,486	1,538	8,273	...	807	301	1,194
Charlotte	22,783	17,891	4,892	157	...	927	175	20,240
Chesterfield	136,015	116,711	19,304	14,073	13,319	627	53	154,370
Clarke	18,736	15,931	2,805	11,553	1,147	801	225	1,970
Craig	6,388	5,059	1,329	60	...	98	6	1,461
Culpeper	44,696	35,427	9,269	945	551	2,647	1,257	17,975
Cumberland	10,643	8,051	2,592	1,082	1,033	405	1,007	1,629
Dickenson	39,374	31,834	7,540	485	284	259	149	6,232
Dinwiddie	30,897	23,094	7,803	116	...	1,031	1,828	2,873
Essex	18,363	14,036	4,327	94	...	2,018	1,956	2,914
Fairfax	1,141,822	1,076,487	65,335	1,943,579	1,219,316	12,034	251	531,671
Fauquier	65,812	55,197	10,615	11,640	11,189	1,854	241	20,298
Floyd	18,720	14,446	4,274	182	...	293	...	711
Fluvanna	20,950	16,881	4,069	105	...	211	991	3,232
Franklin	50,526	40,600	9,926	330	...	869	526	4,920
Frederick	43,314	37,241	6,073	1,257	1,024	494	2,323	4,722
Giles	32,827	25,845	6,982	621	251	229	302	2,997
Gloucester	50,534	42,776	7,758	3,917	64	2,557	718	42,660
Goochland	14,791	11,504	3,287	101	...	499	303	3,732
Grayson	24,690	19,642	5,048	835	700	458	100	2,371
Greene	12,875	9,773	3,102	56	...	270	532	2,471
Greensville	9,518	6,491	3,027	7	...	1,125	779	782
Halifax	43,783	33,774	10,009	423	206	1,702	1,177	2,596
Hanover	78,570	62,649	15,921	672	126	1,312	1,144	29,225
Henrico	160,330	122,402	37,928	718	188	1,781	128	117,183
Henry	69,990	57,906	12,084	409	177	1,097	1,465	13,002
Highland	5,215	4,082	1,133	98	46	182	42	430
Isle of Wight	36,136	28,460	7,676	4,722	4,466	3,158	1,737	8,916
James City	26,775	23,038	3,737	30	...	195	214	23,616
King and Queen	10,937	7,909	3,028	97	...	1,398	1,040	2,040
King George	21,227	18,611	2,616	100,605	100,500	569	396	2,733
King William	17,254	12,580	4,674	86	...	1,420	1,103	5,161
Lancaster	37,819	31,584	6,235	161	...	763	541	7,170
Lee	53,476	41,739	11,737	3,890	1,554	545	99	2,776
Loudoun	91,524	78,261	13,263	69,659	49,474	3,334	6,241	72,404
Louisa	33,663	26,249	7,414	825	679	694	901	3,420
Lunenburg	19,140	15,359	3,781	908	48	1,515	472	783

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TABLE 11.26B

Federal Government Expenditures or Obligations to Virginia's Counties and Cities: Fiscal Year 1988, *CONTINUED*

	Direct Federal Expenditures or Obligations						Other Federal Assistance	
	Direct Payments for Individuals			Procurement Contract Awards		Other Federal Expenditures or Obligations		
	Total	Retirement & Disability	All Other	Total	Defense Depart- ment			
								Guaranteed Loans & Insurance
Madison	18,015	13,955	4,060	189	54	1,109	611	1,100
Mathews	46,777	42,219	4,558	323	136	319	225	117,975
Mecklenburg	53,958	42,925	11,033	32,850	32,588	1,060	232	2,018
Middlesex	21,241	17,432	3,809	198	...	905	548	5,759
Montgomery	75,633	58,115	17,518	152,586	151,490	1,705	496	15,410
Nelson	26,300	19,819	6,481	4,748	254	1,215	212	1,926
New Kent	15,211	12,382	2,829	108	...	550	420	3,519
Northampton	28,083	21,940	6,143	18,513	18,170	647	83	11,648
Northumberland	29,026	23,718	5,308	927	...	1,708	1,324	7,405
Nottoway	33,736	25,668	8,068	1,995	1,633	641	151	636
Orange	49,062	39,876	9,186	183	...	1,221	5,566	2,958
Page	38,967	30,944	8,023	1,788	1,545	557	819	5,703
Patrick	26,977	21,060	5,917	352	175	451	509	3,899
Pittsylvania	74,915	60,905	14,010	812	509	2,257	1,794	5,091
Powhatan	21,158	17,806	3,352	94	...	406	778	5,202
Prince Edward	32,712	24,855	7,857	9,555	9,215	1,023	1,229	1,931
Prince George	23,286	20,269	3,017	41,293	40,045	808	722	4,524
Prince William	201,348	185,040	16,308	85,781	79,966	2,120	150	271,326
Pulaski	60,653	44,028	16,625	2,319	391	523	6,595	3,586
Rappahannock	12,625	10,401	2,224	197	100	198	6	138,710
Richmond	16,171	11,771	4,400	204	117	1,317	601	16,740
Roanoke	64,063	54,285	9,778	2,009	1,871	164	164	35,349
Rockbridge	23,395	18,687	4,708	591	193	552	1,090	8,806
Rockingham	71,060	57,530	13,530	12,531	9,231	2,448	1,056	13,824
Russell	53,613	42,104	11,509	490	...	493	972	2,099
Scott	43,262	32,682	10,580	302	38	271	456	2,179
Shenandoah	60,578	50,067	10,511	1,764	783	778	1,467	9,895
Smyth	54,938	43,852	11,086	73,850	69,412	638	702	5,755
Southampton	27,029	20,592	6,437	565	381	4,371	2,404	4,280
Spotsylvania	52,616	46,674	5,942	186	63	716	1,543	14,514
Stafford	58,783	52,856	5,927	2,961	28	366	82	64,580
Surry	9,993	7,490	2,503	60	...	1,389	800	2,054
Sussex	19,980	14,852	5,128	116	...	1,415	814	4,405
Tazewell	111,654	87,271	24,383	393	...	530	3,171	7,498
Warren	43,800	35,572	8,228	608	...	299	295	15,901
Washington	65,813	52,855	12,958	4,550	3,359	865	276	5,140
Westmoreland	41,579	34,134	7,445	150	...	1,847	1,665	4,728
Wise	96,471	74,888	21,583	4,374	53	211	375	13,684
Wythe	49,629	36,224	13,405	656	421	1,092	975	1,688
York	89,984	85,066	4,918	40,743	30,705	154	...	135,535
Cities								
Alexandria	385,823	319,616	66,207	515,454	402,444	2,512	43	109,362
Bedford	16,535	14,353	2,182	135	34	86	...	1,539
Bristol	46,278	36,271	10,007	7,351	5,760	656	...	1,672
Buena Vista	11,665	9,668	1,997	106	...	57	...	9,369
Charlottesville	85,312	60,342	24,970	51,298	49,209	1,354	...	4,648
Chesapeake	222,611	186,048	36,563	34,010	32,104	2,795	1,733	131,654
Clifton Forge	17,568	13,140	4,428	88	...	46	...	300
Colonial Heights	41,509	36,281	5,228	138	...	118	...	13,282

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TABLE 11.26B

**Federal Government Expenditures or Obligations to Virginia's
Counties and Cities: Fiscal Year 1988, *CONTINUED***

Direct Federal Expenditures or Obligations								
	Direct Payments for Individuals			Procurement Contract Awards		Other Federal Expenditures or Obligations	Other Federal Assistance	
	Total	Retirement & Disability	All Other	Total	Defense Depart- ment		Direct Loans	Guaranteed Loans & Insurance
Covington	32,803	23,889	8,914	853	711	112	...	3,142
Danville	99,507	77,528	21,979	17,519	16,809	433	12	8,837
Emporia	16,525	11,325	5,200	83	...	70	...	2,083
Fairfax	117,565	104,954	12,611	211,689	170,555	8	302	23,468
Falls Church	103,859	81,533	22,326	203,731	144,308	707	...	8,129
Franklin	21,912	15,189	6,723	357	...	71	17,567	3,149
Fredericksburg	57,702	44,786	12,916	12,203	7,033	510	...	26,206
Galax	22,300	17,330	4,970	179	...	89	...	419
Hampton	232,580	198,261	34,319	207,915	100,012	966	...	409,450
Harrisonburg	39,893	30,621	9,272	1,400	297	234	73	1,763
Hopewell	49,846	39,600	10,246	16,432	11,032	134	70	11,760
Lexington	18,671	15,703	2,968	775	655	102	...	1,471
Lynchburg	137,414	107,645	29,769	516,670	40,015	1,084	...	18,567
Manassas	10,876	10,438	438	572,966	562,475	302	...	98,646
Manassas Park	4,330	4,179	151	73	...	...	...	19,697
Martinsville	42,017	34,148	7,869	4,846	4,245	192	57	2,906
Newport News	239,024	194,646	44,378	5,142,299	5,089,534	937	...	92,635
Norfolk	497,912	375,164	122,748	688,504	641,199	5,518	318	458,704
Norton	15,885	12,400	3,485	784	737	41	...	1,183
Petersburg	98,871	72,350	26,521	1,761	1,138	465	...	19,785
Poquoson	26,113	25,937	176	...	...	1	...	55,597
Portsmouth	245,531	198,309	47,222	129,239	126,097	592	15	152,026
Radford	26,358	18,474	7,884	6,643	6,325	115	...	1,619
Richmond	694,183	492,559	201,624	88,667	64,219	8,834	1,234	121,909
Roanoke	275,403	214,159	61,244	48,627	39,176	2,816	...	59,278
Salem	56,234	44,721	11,513	62,059	9,584	207	...	16,847
South Boston	18,159	14,253	3,906	260	133	86	633	2,031
Staunton	54,422	42,432	11,990	359	27	233	325	5,820
Suffolk	92,505	70,374	22,131	2,450	2,011	3,176	1,984	20,844
Virginia Beach	528,767	463,528	65,239	176,394	170,308	3,902	2,199	1,239,457
Waynesboro	38,517	31,055	7,462	2,055	832	153	...	14,722
Williamsburg	63,935	54,040	9,895	10,543	9,560	379	...	4,245
Winchester	49,463	39,263	10,200	3,089	1,616	386	29	3,551
MSAs								
Bristol (Va. portion)	155,353	121,808	33,545	12,203	9,157	1,792	732	8,991
Charlottesville	180,106	135,646	44,460	52,499	49,893	2,248	2,384	30,225
Danville	174,422	138,433	35,989	18,331	17,318	2,690	1,806	13,928
Lynchburg	234,326	186,578	47,748	529,072	42,629	2,159	1,633	31,944
Norfolk	2,316,271	1,917,187	399,084	6,436,044	6,201,594	21,172	7,181	2,766,423
Northern Virginia	2,548,506	2,284,615	263,891	4,404,200	3,247,695	21,383	7,069	1,286,151
Richmond	1,372,691	1,034,093	338,598	172,446	130,067	17,372	6,981	488,558
Roanoke	431,562	342,953	88,609	113,322	50,740	3,592	636	137,807
Planning Districts								
LENOWISCO	209,094	161,709	47,385	9,350	2,382	1,068	930	19,822
Cumberland	273,072	216,611	56,461	13,966	12,489	1,581	4,825	31,889
Plateau	311,318	243,454	67,864	88,092	79,652	4,347	2,627	19,647
Mount Rogers	214,191	160,908	53,283	162,351	158,457	2,865	7,393	24,323
New River Valley	497,207	392,801	104,406	114,353	51,451	3,909	934	147,325

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TABLE 11.26B
Federal Government Expenditures or Obligations to Virginia's
Counties and Cities: Fiscal Year 1988, *CONTINUED*

	Direct Federal Expenditures or Obligations						Other Federal Assistance	
	Direct Payments for Individuals			Procurement Contract Awards		Other Federal Expenditures or Obligations	Guaranteed Loans & Insurance	
	Total	Retirement & Disability	All Other	Total	Defense Department			
Central								
Shenandoah	335,056	267,165	67,891	18,678	11,683	5,875	4,327	67,213
Lord Fairfax	254,858	209,018	45,840	20,059	6,115	3,315	5,158	41,742
Northern Virginia	2,489,723	2,231,759	257,964	4,401,239	3,247,667	21,017	6,987	1,221,571
Rappahannock-Rapidan	190,210	154,856	35,354	13,154	11,894	7,029	7,681	181,041
Thomas Jefferson	240,069	181,714	58,355	58,072	50,826	4,157	3,497	35,571
Central Virginia	333,791	270,375	63,416	530,203	43,262	3,700	2,314	38,001
West Piedmont	363,932	292,147	71,785	24,268	21,915	5,299	4,363	38,655
Southside	144,100	110,990	33,110	34,164	33,371	4,022	2,475	8,335
Piedmont	150,485	115,433	35,052	13,880	11,959	5,857	3,841	27,348
Richmond								
Regional	1,128,282	842,499	285,783	112,706	77,852	14,816	4,361	436,334
RADCO	220,903	186,428	34,475	119,747	111,162	3,553	2,723	113,861
Northern Neck	124,595	101,207	23,388	1,442	117	5,635	4,131	36,043
Middle Peninsula	165,106	136,952	28,154	4,715	200	8,617	5,590	176,509
Crater	300,425	231,752	68,673	60,006	52,215	6,555	5,013	61,548
Southeastern								
Virginia	1,672,403	1,357,664	314,739	1,036,241	976,566	23,583	27,957	2,019,030
Peninsula	678,411	580,988	97,423	5,401,530	5,229,811	2,632	214	721,078
Accomack-Northampton	101,194	82,110	19,084	50,030	25,779	1,875	1,110	42,947
Undistributed	198,515	24,729	173,786	...	...	724,545	390	180,443

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Consolidated Federal Funds Report Fiscal Year 1988, Volume I, County Areas*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In thousands of dollars.

¹In millions of dollars.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 11.27
Federal Government Procurement
Contracts, Virginia: Fiscal Years 1984-1988

Program	1988	1987	1986	1985	1984
Total	\$12,288,247	\$9,510,880	\$7,260,442	\$7,336,527	\$6,013,217
Department of Defense	10,216,825	7,828,849	5,402,539	6,188,996	4,604,156
Postal Service	75,450	73,920	63,289	58,919	56,864
All other Federal	1,995,972	1,608,111	1,794,614	1,088,612	1,352,197

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Federal Expenditures by State for Fiscal Year 1988*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In thousands of dollars.



TABLE 11.28

Federal Government Grants to State and Local Governments by
Agency and Selected Programs, Virginia: Fiscal Years 1984-1988

Agency/Program	1985	1987	1986	1985	1984
Total	\$1,960,899	\$1,905,191	\$1,994,506	\$1,816,529	\$1,628,438
Department of Agriculture	187,589	173,934	165,533	147,110	159,862
Agricultural Marketing Service	45	126	...	5,287	5,611
Commodity Credit Corporation Fund	NE	NE	NE	6,728	18,018
Agricultural Research Service	NE	NE	NE	50	95
Cooperative State Research Service	7,173	7,074	5,692	5,424	5,322
Extension Service	10,199	9,085	10,036	10,803	10,200
Farmers Home Administration	5,649	3,330	4,456	4,515	5,097
Rural water and waste disposal	5,102	NE	NE	NE	NE
Rural development	547	NE	NE	NE	NE
Food and Nutrition Service	158,202	149,132	139,197	107,193	108,475
Child nutrition programs	65,543	62,490	62,304	61,258	67,222
Commodity distributions	34,000	30,278	26,475	NE	NE
Food donations	3,618	3,108	2,988	2,815	3,051
Food Stamp program	19,852	20,283	15,795	14,470	12,197
Special milk program	128	NE	NE	NE	NE
Special Supplemental					
Food Program (WIC)	34,285	32,133	31,154	28,650	25,972
Temporary emergency food assistance	776	840	481	NE	NE
Food Safety and Inspection Service	1,050	1,063	998	1,010	848
Forest Service	1,620	1,509	1,039	1,300	1,403
National forest funds	333	541	961	491	583
State and private forestry	1,287	968	78	809	820
Soil Conservation Service	3,651	2,635	3,862	4,800	4,793
Resource conservation and development	60	16	37	69	101
Watershed and flood prevention operations	3,583	2,619	3,825	4,731	4,692
Department of Commerce	7,640	5,655	5,776	8,115	3,463
Economic Development Administration	3,504	2,797	2,825	4,349	2,734
Economic development assistance	3,514	2,795	2,820	4,276	2,734
Local public works program	...	2	5	-1	...
Job opportunities and other programs	-10	NE	NE	NE	NE
National Oceanic and Atmospheric Administration	3,926	2,505	2,527	3,282	337
Coastal zone management program	NE	NE	NE	468	113
Operations, research, and facilities	NE	NE	NE	2,814	224
National Telecommunications and Information Administration	208	303	361	461	174
Regional development program	2	50	63	23	217
Corporation for Public Broadcasting	10,373	8,898	2,177	2,055	1,939
Department of Defense	5,781	2,290	4,037	544	622
Corps of Engineers	24	24	19	20	19
National Guard Centers	5,757	2,266	4,018	524	603
Department of Education	222,535	217,111	212,716	169,109	161,305
Bilingual Educational and Minority Language Affairs	1,653	1,389	731	1,235	1,389
Office of Elementary and Secondary Education	114,363	119,299	111,299	107,849	88,599
Compensatory education for disadvantaged	73,442	66,425	65,798	71,725	51,600
Indian education	423	890	1,423	NE	NE
Libraries and learning technologies	NE	1,481	1,199	956	975
School assistance in federally affected areas	30,890	30,969	30,181	28,034	25,887
School improvement programs	9,608	NE	NE	NE	NE
Special programs and populations	NE	19,534	12,698	7,134	8,658
Educational research and improvement	1,147	NE	NE	NE	NE

CONTINUED ➡

TABLE 11.28

Federal Government Grants to State and Local Governments by Agency and Selected Programs, Virginia: Fiscal Years 1984-1988, *CONTINUED*

Agency/Program	1986	1987	1988	1985	1984
Office of Post Secondary Education	1,553	1,373	1,532	1,159	1,064
Office of Special Education and Rehabilitation Services	64,730	94,942	97,688	39,120	47,969
Education for the handicapped	34,894	29,857	41,125	23,911	20,367
Rehabilitation services and handicapped research	29,836	27,116	25,326	15,209	27,602
Office of Vocational and Adult Education	39,089	37,969	31,237	19,677	22,284
Other	...	108	1,466	NE	NE
Department of Energy	3,752	3,950	8,911	9,851	10,928
Environmental Protection Agency	54,493	68,598	53,368	59,166	36,084
Abatement, control, and compliance	10,052	10,698	7,967	4,305	5,652
Construction of wastewater treatment plants	43,243	57,569	45,308	54,789	30,418
Hazardous substance response trust fund	1,198	331	93	72	13
Equal Employment Opportunity Commission	86	148	1,241	537	120
Federal Emergency Management Agency	3,150	12,924	10,061	4039	1,308
Disaster relief	1,592	11,062	7,972	2,142	13
Emergency food and shelter	NE	...	...	...	...
Emergency planning, preparedness and mitigation	1,558	1,862	2,089	1,897	1,295
Appalachian regional development programs	3,269	8,548	3,135	4,879	10,086
Department of Health and Human Services	739,352	661,520	671,261	655,997	621,091
Alcohol, Drug Abuse, and Mental Health Administration	11,896	11,809	7,808	5,886	7,469
Centers for Disease Control	4,858	4,124	3,349	3,605	2,502
Medicaid	419,757	377,242	353,522	344,745	306,352
Health Resources and Services Administration	26,771	18,923	25,194	22,003	34,304
Human Development Services	104,230	85,337	107,771	115,637	107,268
Community services	NE	NE	7,095	7,416	3,129
Family social services	5,692	11,337	14,858	8,443	8,071
Human development services	23,775	15,337	16,673	31,692	31,051
Social services block grant	74,763	58,663	66,236	64,289	60,833
Work incentives	NE	NE	2,909	3,797	4,184
Family Support Administration	171,809	164,020	NE	NE	NE
Assistance for legalized aliens	112	NE	NE	NE	NE
A.F.D.C.	125,307	109,212	NE	NE	NE
Community Service Block Grant	6,799	7,377	NE	NE	NE
Low income home energy assistance	30,980	35,759	NE	NE	NE
Refugee assistance	6,937	9,932	NE	NE	NE
Work incentives	1,674	1,740	NE	NE	NE
Social Security Administration	31	71	172,997	164,121	163,195
Supplemental Security Income	31	71	120	7	...
Department of Housing and Urban Development	232,367	204,832	237,844	195,526	185,057
Community development	52,848	55,322	52,826	63,840	65,383
Solar energy and conservation bank	71	381	764	723	NE
Fair housing assistance	169	107	114	129	218
Lower income housing assistance	144,134	119,472	162,335	103,220	90,233
Public housing	45,425	38,440	64,145	37,901	29,562

CONTINUED



TABLE 11.28

Federal Government Grants to State and Local Governments by Agency and Selected Programs, Virginia: Fiscal Years 1984–1988, *CONTINUED*

Agency/Program	1986	1987	1988	1985	1984
Section 8 housing payments	98,678	80,959	88,157	85,201	60,640
College housing payments	31	73	33	118	31
Low rent housing—operating assistance	25,930	23,994	16,979	20,249	22,760
Rental housing rehabilitation and development	6,485	1,919	1,496	159	NE
Urban development action grants	1,994	3,424	13,133	7,128	6,377
Urban renewal	NE	NE	90	NE	NE
Other	736	213	107	NE	NE
Institute of Museum Services	260	96	275	377	NE
Department of the Interior	16,107	16,287	15,232	16,571	20,206
Bureau of Land Management—payment in lieu of taxes	1,102	1,054	1,207	1,136	1,141
Fish and Wildlife Service	4,055	3,298	3,292	4,225	3,330
Minerals Management Service	18	18	NE	NE	NE
National Park Service	2,207	2,083	2,130	3,355	7,734
Land and water conservation	1,698	1,596	1,622	2,699	5,026
Preservation of historic properties	487	397	461	444	846
Urban parks and recreation	22	90	47	212	1,862
Surface Mining Reclamation and Enforcement	8,725	9,834	8,603	7,855	8,001
Abandoned mine reclamation	5,901	7,265	6,478	6,429	6,181
Regulation and technology	2,824	2,569	2,125	1,426	1,820
Department of Justice	6,581	4,118	3,123	2,423	2,781
Federal Prison System	...	299	45	531	101
Office of Justice Assistance	5,829	3,819	3,078	1,892	2,680
State Justice Institute grants	752	NE	NE	NE	NE
Department of Labor	95,696	91,964	91,659	87,975	79,171
Employment and Training Administration	92,839	89,717	89,377	85,661	76,979
Community service employment for older Americans	1,311	1,276	1,335	1,217	1,384
State unemployment insurance and employment service operations	41,018	37,201	36,641	37,244	31,733
Job Training Partnership Act	50,510	51,240	51,401	47,200	43,862
Mine Safety and Health Administration	242	224	446	134	341
Occupational Safety and Health Administration	2,615	2,023	1,836	2,180	1,850
National Foundation on the Arts and the Humanities:					
National Endowment for the Arts	747	530	499	354	370
Tennessee Valley Authority—payments in lieu of taxes	592	519	464	420	390
Department of Transportation	370,521	421,715	397,664	352,125	234,177
Coast Guard	84	461	418	244	336
Federal Aviation Administration	14,846	11,613	12,888	16,905	16,480
Federal Highway Administration	328,072	387,151	358,650	314,170	193,450
Bicycle program	NE	NE	NE	...	16
Carpool and vanpool projects	NE	NE	NE	4	25
Highway beautification	NE	NE	NE	8	6
Highway related safety grants	289	NE	NE	NE	NE
Highway trust fund	327,193	386,751	358,406	314,142	192,589
Motor carrier safety grants	581	NE	NE	NE	NE
Off-system railway—highway crossings	NE	53	64	28	136
Safer off-system roads	NE	122	180	-12	15
Other	9	225	NE	NE	NE

CONTINUED ➡

TABLE 11.28

Federal Government Grants to State and Local Governments by Agency and Selected Programs, Virginia: Fiscal Years 1984-1988, *CONTINUED*

Agency/Program	1988	1987	1986	1985	1984
Federal Railroad Administration	430	265	214	81	315
National Highway Traffic Safety Administration	3,702	3,043	2,429	2,324	2,304
Research and Special Programs Administration	97	83	83	76	75
Urban Mass Transportation Administration	23,290	19,099	22,982	18,325	21,216
Department of the Treasury	...	1,548	109,530	99,218	99,272
General revenue sharing	NE	1,548	109,530	99,218	99,272
Veterans Administration	...	...	...	138	206

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Federal Expenditures by State for Fiscal Year 1988*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In thousands of dollars.

NE—Program not listed in source document.



Section 12: Income and Wealth

This section presents data on income as measured by several concepts: total and per capita personal income, per capita money income, disposable personal income, and family and household income. In addition, it gives information about wealthholders, people below the poverty level, and income by age and sex. The section also includes tables showing Virginia's gross state product per capita and by industrial sector.

The primary source for data on income is the Bureau of Economic Analysis (U.S. Department of Commerce). Current information for the nation and states is released by the BEA in two periodicals, the *Survey of Current Business* (monthly) and *Commerce News*. Through its Regional Economic Information System, the BEA also furnishes annual data for counties, and it compiles detailed data in an annual multi-volume work, *Local Area Personal Income*.

The Internal Revenue Service (U.S. Department of the Treasury) supplies information on personal wealth and income in its quarterly publication, *Statistics of Income Bulletin*. State data from this source are reproduced along with BEA data in the Census Bureau's *State and Metropolitan Area Data Book*.

The Bureau of the Census gathers data on income distribution in its decennial censuses of the population and its *Current Population Reports* (Series P-26, *Local Population Estimates*, and Series P-60, *Consumer Income*). Because the last decennial census was taken in 1980 and included income information pertaining to the prior year, the detailed data in several of the county/city tables presented here is for 1979.

The Center for Public Service publishes several reports on income in Virginia. *Distribution of Virginia Adjusted Gross Income by Income Class and Locality* uses data from state tax returns and is published annually. *Projections of Virginia Family and Household Income by Locality, 1986-1990* estimates income distribution by deciles based on the decennial census data. Both of these publications include information for counties and independent cities. Finally, the *Virginia Trends* series includes reports that present data on personal income, wages, and the gross state product.

CONCEPTS

PERSONAL INCOME

Personal income is the income received by persons from all sources (e.g. wages and salary, rental income, dividends and interest, and transfer payments) minus personal contributions for social insurance (e.g. employee social security taxes, government retirement insurance, and other social insurance programs).

PER CAPITA PERSONAL INCOME

Per capita personal income is total personal income divided by total population.

DISPOSABLE PERSONAL INCOME

Disposable personal income is personal income less personal tax payments and certain nontax payments to general government that are treated like taxes. It is the income available to persons for spending and saving.

MONEY INCOME

Money income, the income concept used by the Bureau of the Census, is similar to personal income, but it excludes various kinds of imputed and in-kind income such as the net rental value of owner-occupied houses and the net value of food and fuel produced and consumed on farms.

ADJUSTED GROSS INCOME

Adjusted gross income, or taxable income, is a narrower concept than personal income. It excludes most income in-kind (e.g., living quarters provided without charge) as well as most Social Security benefits, most other transfer payments, and incomes below filing requirements.

Figure 12.1
Average Annual Pay for All Workers: 1987

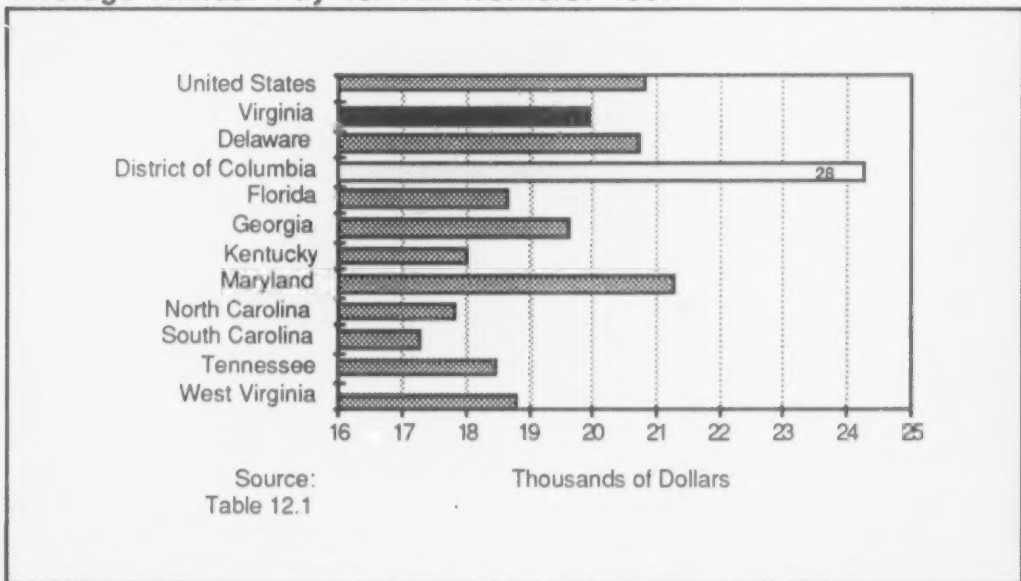




Figure 12.2
Per Capita Personal Income: 1987

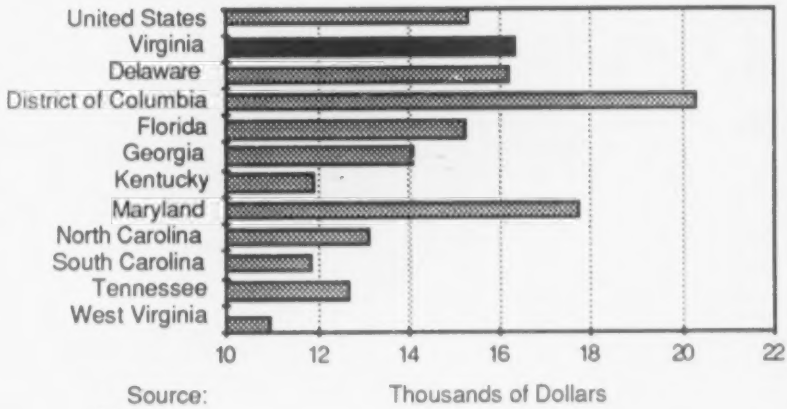


Figure 12.3
Per Capita Personal Income in the Year 2000

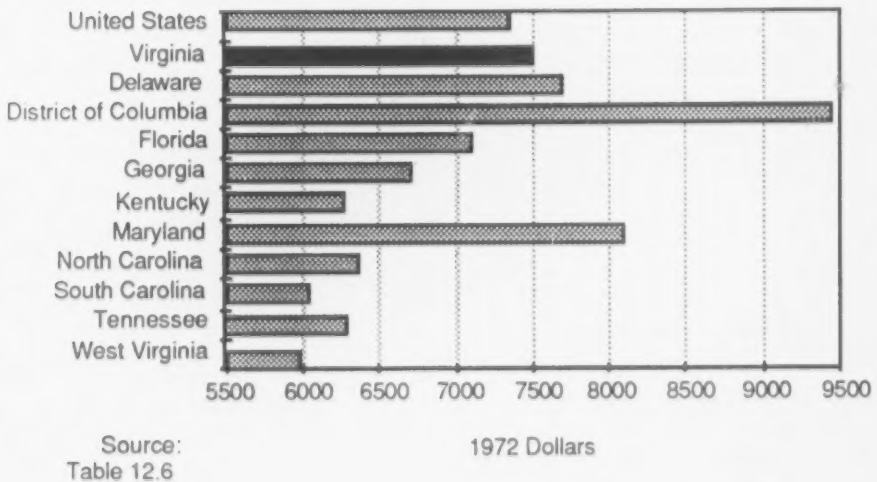


TABLE 12.1
Average Annual Pay for the U.S., Virginia,
and Surrounding States: 1984-1987

	Average Annual Pay				Percent Change		
	1987	1986	1985	1984	1986- 1987	1985- 1986	1984- 1985
United States	\$20,855	\$19,966	\$19,184	\$18,353	4.5%	4.1%	4.5%
Virginia	19,963	18,972	18,089	17,271	5.2	4.9	4.7
Delaware	20,764	19,637	19,150	18,505	5.7	2.5	3.5
District of Columbia	28,477	27,137	26,160	25,121	4.9	3.7	4.1
Florida	18,674	17,680	16,958	16,184	5.6	4.2	4.8
Georgia	19,651	18,745	17,912	16,954	4.8	4.7	5.7
Kentucky	18,008	17,357	16,941	16,627	3.7	2.5	1.9
Maryland	21,324	20,121	19,092	18,155	6.0	5.4	5.2
North Carolina	17,861	17,001	16,226	15,428	5.1	4.8	5.2
South Carolina	17,279	16,603	15,944	15,305	4.1	4.1	4.2
Tennessee	18,501	17,661	16,987	16,217	4.8	4.0	4.7
West Virginia	18,820	18,402	18,019	17,479	2.3	2.1	3.1

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In dollars, except percent. Includes workers covered by State unemployment insurance laws and Federal civilian workers covered by unemployment compensation for Federal employees, approximately 90 percent of total civilian employment. Excludes most agricultural workers on small farms, all Armed Forces, elected officials in most States, railroad employees, most domestic workers, employees of certain nonprofit organizations and most self-employed individuals. Pay includes bonuses, cash value of meals and lodging, and tips and other gratuities.
 1987 "Average Annual Pay" preliminary.

TABLE 12.2
Total Personal Income in Current Dollars for the U.S.,
Virginia, and Surrounding States: 1982-1987

	1987	1986	1985	1984	1983	1982
United States	\$3,734	\$3,529	\$3,320	\$3,101	\$2,834	\$2,663
Virginia	96,391	89,593	82,850	76,452	69,310	63,837
Delaware	10,457	9,788	9,053	8,391	7,714	7,198
District of Columbia	12,626	11,926	11,201	10,392	9,599	9,210
Florida	183,239	170,809	157,944	143,926	130,641	118,530
Georgia	87,720	82,103	75,513	68,920	61,211	55,787
Kentucky	44,541	42,260	40,343	38,732	35,340	34,281
Maryland	80,367	75,233	70,128	64,544	58,647	54,411
North Carolina	84,366	78,745	73,098	67,851	60,722	55,867
South Carolina	40,610	38,102	35,797	33,476	30,329	28,048
Tennessee	61,842	57,609	53,864	50,360	45,745	42,969
West Virginia	20,791	20,188	19,485	18,902	17,895	17,671

SOURCE: U.S. Department of Commerce, Bureau of Economic Analysis, Commerce News. *1987 State Per Capita Personal Income*. U.S. Government Printing Office, Washington, D.C., 1988.

NOTE: In millions of dollars, except U.S., in billions.

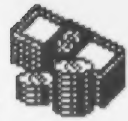


TABLE 12.3
Total Personal Income in Constant Dollars for the
U.S., Virginia, and Surrounding States: 1970–1986

	1986	1985	1984	1980	1970	Percent Change	
						1980–86	1970–80
United States	\$3,088.0	\$2,969.7	\$2,869.0	\$2,600.5	\$1,924.3	18.7%	35.1%
Virginia	78.0	73.8	70.8	61.0	41.5	27.9	47.0
Delaware	8.3	8.0	7.7	7.0	5.9	18.6	18.6
District of Columbia	10.6	10.2	9.8	9.4	8.8	12.8	6.8
Florida	149.6	141.3	133.2	110.8	62.9	35.0	76.2
Georgia	71.8	67.5	63.7	52.9	36.3	35.7	45.7
Kentucky	36.7	35.9	35.7	33.8	23.7	8.6	42.6
Maryland	65.9	62.7	59.6	52.8	40.7	24.8	29.7
North Carolina	68.9	65.5	62.7	54.3	38.4	26.9	41.4
South Carolina	33.4	32.1	30.9	27.5	18.2	21.5	51.1
Tennessee	50.4	48.1	46.4	42.6	29.0	18.3	46.9
West Virginia	17.8	17.5	17.7	18.1	12.5	-1.7	44.8

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1988*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In billions of 1982 dollars, except percent.

TABLE 12.4
Per Capita Personal Income for the U.S.,
Virginia, and Surrounding States: 1982–1987

	1987 Per Capita Income		1986	1985	1984	1983	1982
	Amount	Percent of National Average					
United States	\$15,340	100%	\$14,636	\$13,908	\$13,114	\$12,098	\$11,480
Virginia	16,322	106	15,461	14,532	13,567	12,469	11,631
Delaware	16,238	106	15,457	14,544	13,662	12,719	12,000
District of Columbia	20,303	132	19,071	17,974	16,660	15,371	14,696
Florida	15,241	99	14,607	13,888	13,021	12,143	11,315
Georgia	14,098	92	13,459	12,642	11,794	10,673	9,867
Kentucky	11,950	78	11,342	10,821	10,403	9,513	9,277
Maryland	17,722	116	16,863	15,970	14,847	13,642	12,736
North Carolina	13,155	86	12,438	11,676	10,999	9,987	9,281
South Carolina	11,858	77	11,268	10,738	10,157	9,323	8,710
Tennessee	12,738	83	12,002	11,302	10,652	9,753	9,208
West Virginia	10,959	71	10,531	10,063	9,685	9,115	9,007

SOURCE: U.S. Department of Commerce, Bureau of Economic Analysis, Commerce News. *1987 State Per Capita Personal Income*. U.S. Government Printing Office, Washington, D.C., 1988.

NOTE: In dollars, except percent.

TABLE 12.5
Per Capita Personal Income in Constant Dollars for
the U.S., Virginia, and Surrounding States: 1970-1987

	1987	1986	1985	1984	1980	1970
United States	\$12,955	\$12,779	\$12,451	\$12,131	\$11,427	\$9,063
Virginia	13,822	13,493	12,968	12,487	11,311	8,374
Delaware	13,972	13,559	13,073	12,435	10,262	10,703
District of Columbia	17,119	14,815	15,910	15,760	14,146	11,745
Florida	13,041	12,793	12,474	12,056	11,250	8,821
Georgia	11,967	11,771	11,306	10,920	9,620	7,555
Kentucky	10,091	9,858	9,655	9,565	9,237	7,027
Maryland	15,167	14,815	14,319	13,736	12,453	10,011
North Carolina	11,141	10,869	10,453	10,177	9,214	7,239
South Carolina	10,045	9,874	9,618	9,409	8,741	6,720
Tennessee	10,778	10,485	10,092	9,838	9,248	7,049
West Virginia	9,222	9,262	9,049	8,955	9,120	6,886

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In 1982 dollars.

TABLE 12.6
Historic and Projected Total and Per Capita Personal Income in Constant
Dollars for the U.S., Virginia, and Surrounding States: 1983-2000

	Total Personal Income			Per Capita Personal Income		
	1983	1990	2000	1983	1990	2000
United States	\$1,280.2	\$1,603.3	\$1,970.9	\$5,470	\$6,434	\$7,369
Virginia	31.5	38.8	47.6	5,668	6,573	7,515
Delaware	3.6	4.4	5.3	5,905	6,830	7,709
District of Columbia	4.6	5.3	6.1	7,339	8,453	9,467
Florida	58.0	78.3	104.1	5,396	6,252	7,120
Georgia	27.9	36.4	46.4	4,864	5,761	6,719
Kentucky	16.3	20.1	24.3	4,400	5,333	6,285
Maryland	26.3	32.2	38.2	6,116	7,147	8,112
North Carolina	27.9	35.6	44.4	4,594	5,490	6,373
South Carolina	14.0	17.9	22.7	4,302	5,155	6,054
Tennessee	20.9	26.5	32.8	4,463	5,416	6,305
West Virginia	8.4	10.1	11.9	4,295	5,127	5,996

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In 1972 dollars.
 Total Personal Income in billions of dollars.
 Per Capita Personal Income in dollars.

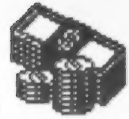


TABLE 12.7
Disposable Personal Income Per Capita for the
U.S., Virginia, and Surrounding States: 1980–1987

	Current Dollars				Constant (1982) Dollars			
	1987	1986	1985	1980	1987	1986	1985	1980
United States	\$13,143	\$12,489	\$11,862	\$8,424	\$10,999	\$10,927	\$10,629	\$9,705
Virginia	13,979	13,140	12,284	8,287	11,698	11,496	11,007	9,547
Delaware	13,572	12,767	12,015	8,251	11,357	11,170	10,766	9,506
District of Columbia	16,706	15,559	14,595	10,248	13,982	13,613	13,078	11,806
Florida	13,314	12,543	11,911	8,385	11,142	10,974	10,673	9,660
Georgia	11,918	11,276	10,546	7,090	9,973	9,866	9,450	8,168
Kentucky	10,354	9,731	9,294	6,948	8,664	8,513	8,319	8,005
Maryland	15,128	14,226	13,423	8,960	12,660	12,448	12,028	10,323
North Carolina	11,239	10,564	9,893	6,818	9,405	9,243	8,865	7,855
South Carolina	10,238	9,684	9,218	6,503	8,568	8,473	8,260	7,492
Tennessee	11,209	10,482	9,808	6,988	9,380	9,170	8,789	8,051
West Virginia	9,587	9,263	8,828	6,773	8,023	8,104	7,910	7,803

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States*, 1989. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In dollars.

TABLE 12.8
Per Capita Personal Income for Virginia's Counties and Cities: 1980–1986

	1986	1985	1984	1983	1982	1981	1980
Virginia	\$15,482	\$14,530	\$13,566	\$12,235	\$11,379	\$10,591	\$9,446
Counties							
Accomack	11,183	10,444	9,748	9,223	8,867	8,342	7,089
Albemarle ¹	15,369	14,244	13,111	11,496	10,681	9,861	8,683
Alleghany ²	11,158	10,742	10,187	8,427	7,581	6,934	6,636
Amelia	11,462	10,964	10,120	8,370	7,699	7,203	5,969
Amherst	9,748	9,112	8,774	8,869	7,985	7,592	6,786
Appomattox	10,816	10,360	9,709	8,665	7,978	7,654	6,851
Arlington	25,926	23,994	22,325	20,588	19,450	17,777	15,815
Augusta ³	12,820	12,016	11,449	9,460	8,541	8,036	7,361
Bath	14,255	13,859	13,504	10,569	9,615	7,254	7,414
Bedford ⁴	13,270	12,867	12,132	10,160	8,883	8,510	7,611
Bland	9,892	9,299	8,886	6,628	6,177	5,754	5,274
Botetourt	13,122	12,538	11,672	10,143	9,200	8,569	7,848
Brunswick	9,850	9,527	9,047	7,169	6,831	6,625	5,623
Buchanan	10,355	9,841	9,548	7,739	8,660	8,739	7,837
Buckingham	10,121	9,342	8,790	7,407	6,743	6,170	5,440
Campbell ⁵	12,530	11,846	11,437	10,152	9,371	8,997	7,944
Caroline	11,807	11,436	10,614	9,178	8,433	7,984	6,981
Carroll ⁶	9,622	9,008	8,842	7,093	6,441	6,226	5,475
Charles City	12,588	11,593	11,116	9,454	8,627	8,209	7,141
Charlotte	9,973	9,981	9,518	8,035	7,263	7,006	5,828
Chesterfield	16,267	15,787	14,657	13,553	12,447	11,777	10,858
Clarke	18,254	17,145	15,846	11,357	10,319	10,133	9,044
Craig	10,825	10,368	9,839	9,643	8,612	8,097	7,243

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TABLE 12.8
Per Capita Personal Income for Virginia's
Counties and Cities: 1980-1986, *CONTINUED*

	1986	1985	1984	1983	1982	1981	1980
Culpeper	13,517	12,776	11,959	10,074	9,433	9,012	8,076
Cumberland	9,905	9,367	8,602	6,896	6,137	5,808	5,055
Dickenson	11,353	10,501	10,330	7,751	7,708	7,429	6,741
Dinwiddie ⁷	12,530	11,655	11,053	8,461	8,014	7,765	6,717
Essex	12,416	11,663	11,195	8,432	8,142	7,698	6,390
Fairfax ⁸	23,136	21,692	19,961	18,203	16,669	15,484	13,967
Fauquier	18,107	17,736	16,125	12,047	11,267	10,589	9,458
Floyd	11,714	10,864	10,345	7,442	6,618	6,052	5,600
Fluvanna	11,482	10,485	9,955	8,676	7,913	7,364	6,557
Franklin	11,148	10,667	10,061	7,766	7,012	6,683	5,995
Frederick ⁹	12,985	12,027	11,251	10,401	9,199	8,922	7,806
Giles	10,773	10,377	9,986	8,781	8,301	7,845	7,025
Gloucester	12,535	12,332	11,727	10,790	9,720	9,215	8,209
Goochland	17,871	16,551	14,749	12,004	11,050	10,318	9,180
Grayson	9,385	9,069	8,964	7,396	6,642	6,479	5,770
Greene	10,532	10,148	9,575	8,911	8,128	7,542	6,687
Greensville ¹⁰	11,350	10,593	9,934	7,158	6,672	6,268	5,208
Halifax ¹¹	10,429	9,841	9,534	7,649	7,185	7,011	5,758
Hanover	17,363	16,247	14,989	12,928	11,958	11,018	9,822
Henrico	18,649	17,213	15,845	14,456	13,531	12,551	11,229
Henry ¹²	12,741	11,774	11,257	9,862	8,700	8,380	7,565
Highland	10,482	8,428	8,521	9,543	9,344	8,002	7,546
Isle of Wight	13,775	13,284	12,469	10,869	10,206	9,561	8,154
James City ¹³	13,932	13,630	12,531	10,987	10,272	9,650	8,661
King and Queen	10,964	10,591	10,010	9,093	8,641	8,015	6,590
King George	13,974	13,417	12,656	10,863	10,306	9,523	8,553
King William	13,391	13,299	12,672	10,697	10,235	9,767	8,626
Lancaster	14,845	14,241	13,145	11,717	10,974	10,223	8,896
Lee	8,880	8,433	8,241	7,054	6,950	6,635	5,967
Loudoun	20,460	19,266	17,193	15,035	13,306	12,345	11,115
Louisa	11,603	10,933	10,205	9,137	8,539	8,093	7,162
Lunenburg	8,893	8,963	8,878	7,879	7,349	7,142	6,048
Madison	11,574	10,785	10,219	8,058	7,403	6,656	5,800
Mathews	14,031	13,304	12,572	9,890	8,893	8,357	7,369
Mecklenburg	10,787	10,296	9,710	8,512	7,899	7,740	6,482
Middlesex	13,604	13,290	12,285	8,838	8,244	7,818	6,842
Montgomery ¹⁴	11,356	10,595	9,852	8,028	7,390	6,886	6,190
Nelson	11,991	11,016	10,631	8,046	7,336	6,864	6,089
New Kent	14,515	13,725	13,095	11,797	10,746	10,158	8,903
Northampton	9,464	9,054	8,812	8,483	8,109	7,602	6,348
Northumberland	13,805	13,094	12,036	10,377	9,570	9,003	7,491
Nottoway	11,681	10,942	10,896	8,827	7,852	7,607	6,485
Orange	13,447	12,830	11,880	10,140	9,423	8,935	8,052
Page	11,941	11,385	10,644	8,745	7,963	7,300	6,488
Patrick	11,761	11,048	10,342	7,711	7,054	6,667	5,805
Pittsylvania ¹⁵	11,560	11,019	10,780	7,605	6,992	6,914	5,958
Powhatan	13,799	12,684	11,403	9,600	9,100	8,362	7,464
Prince Edward	9,195	8,809	8,420	8,212	7,445	6,904	6,188
Prince George ¹⁶	10,185	9,879	9,383	8,021	7,433	7,110	6,383
Prince William ¹⁷	16,272	15,320	14,222	12,828	11,713	10,844	9,726
Pulaski	10,915	10,232	9,677	8,713	7,782	7,428	6,796
Rappahannock	13,515	12,499	11,791	10,413	9,635	8,653	7,570
Richmond	12,731	11,988	11,092	9,390	8,898	8,164	6,788
Roanoke ¹⁸	15,528	14,734	13,508	12,313	11,056	10,411	9,518
Rockbridge ¹⁹	10,912	10,230	9,595	8,970	8,076	7,590	6,939
Rockingham ²⁰	12,311	11,163	10,611	10,077	9,225	8,288	7,377
Russell	9,441	9,108	8,713	7,363	7,445	7,154	6,450

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TABLE 12.8
Per Capita Personal Income for Virginia's
Counties and Cities: 1980–1986, *CONTINUED*

	1986	1985	1984	1983	1982	1981	1980
Scott	8,633	8,378	7,886	7,567	7,277	7,002	6,027
Shenandoah	14,283	12,888	12,093	9,705	8,740	8,055	7,148
Smyth	10,276	9,613	9,133	7,639	7,095	6,723	6,064
Southampton ²¹	10,653	10,007	9,292	9,616	9,374	8,650	6,907
Spotsylvania ²⁵	12,981	12,910	11,937	10,037	8,813	8,419	7,633
Stafford	15,839	14,351	13,124	11,842	10,666	9,672	8,620
Surry	13,082	12,334	11,686	9,779	8,801	8,117	6,493
Sussex	11,749	11,047	10,573	9,504	8,944	8,435	6,854
Tazewell	11,094	10,473	9,959	8,921	9,210	8,688	8,031
Warren	12,364	12,036	11,421	10,064	9,213	8,721	7,965
Washington ²²	11,462	10,763	10,138	8,259	7,784	7,405	6,631
Westmoreland	13,182	12,435	11,503	9,253	8,591	8,058	6,943
Wise ²³	11,382	10,806	10,601	9,424	9,390	8,830	8,207
Wythe	11,097	10,462	9,912	8,364	7,785	7,427	6,755
York ²⁴	14,854	14,516	13,285	11,886	10,248	9,762	8,730
Cities							
Alexandria	26,030	23,427	22,071	20,628	19,168	17,617	15,944
Bedford ⁴	NA	NA	NA	11,123	10,710	9,756	8,961
Bristol ²²	NA	NA	NA	9,844	9,633	8,896	7,863
Buena Vista ¹⁹	NA	NA	NA	8,888	8,466	7,887	7,068
Charlottesville ¹	NA	NA	NA	11,480	10,912	10,056	8,848
Chesapeake	13,407	12,870	12,265	10,994	10,112	9,521	8,430
Clifton Forge ²	NA	NA	NA	11,843	11,412	10,284	9,530
Colonial Heights ⁷	NA	NA	NA	14,423	13,451	12,460	11,067
Covington ²	NA	NA	NA	11,208	10,200	9,770	9,032
Danville ¹⁵	NA	NA	NA	10,787	10,102	9,352	8,515
Emporia ¹⁰	NA	NA	NA	11,848	10,743	9,823	8,816
Fairfax ⁸	NA	NA	NA	19,430	18,079	16,498	14,749
Falls Church ⁸	NA	NA	NA	22,952	21,029	19,555	17,727
Franklin ²¹	NA	NA	NA	13,792	12,559	10,846	9,301
Fredericksburg ²⁵	NA	NA	NA	11,989	11,917	11,243	10,038
Galax ⁶	NA	NA	NA	10,635	9,944	9,212	8,391
Hampton	12,968	12,118	11,217	11,170	10,397	9,605	8,589
Harrisonburg ²⁰	NA	NA	NA	9,386	8,623	8,794	8,151
Hopewell ¹⁶	NA	NA	NA	10,928	10,402	9,914	8,903
Lexington ¹⁹	NA	NA	NA	10,077	9,066	8,858	7,771
Lynchburg ⁵	NA	NA	NA	11,400	10,883	10,321	9,123
Manassas ¹⁷	NA	NA	NA	14,438	13,333	12,434	11,190
Manassas Park ¹⁷	NA	NA	NA	11,313	9,811	8,859	7,921
Martinsville ¹²	NA	NA	NA	10,999	10,638	9,781	8,807
Newport News	13,224	12,635	11,812	11,379	10,776	10,175	9,061
Norfolk	13,417	12,445	11,513	10,189	10,060	9,113	8,201
Norton ²³	NA	NA	NA	11,506	11,163	10,364	9,653
Petersburg ⁷	NA	NA	NA	11,399	10,611	10,265	9,055
Poquoson ²⁴	NA	NA	NA	12,798	11,646	10,666	9,825
Portsmouth	11,740	11,292	10,926	10,519	9,875	9,312	8,236
Radford ¹⁴	NA	NA	NA	9,298	8,598	7,692	7,165
Richmond	17,283	15,959	15,216	13,540	12,851	12,006	10,566
Roanoke	14,114	13,368	12,811	11,362	10,650	9,917	8,846
Salem ¹⁸	NA	NA	NA	11,837	11,011	10,212	9,050
South Boston ¹¹	NA	NA	NA	10,478	9,894	8,953	7,845

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TABLE 12.8
Per Capita Personal Income for Virginia's
Counties and Cities: 1980-1986, *CONTINUED*

	1986	1985	1984	1983	1982	1981	1980
Staunton ³	NA	NA	NA	11,205	10,642	9,518	8,567
Suffolk	13,023	12,721	12,049	9,947	9,361	8,856	7,660
Virginia Beach	15,864	14,942	14,040	12,960	12,149	11,112	9,837
Waynesboro ³	NA	NA	NA	11,617	10,876	10,477	9,299
Williamsburg ¹³	NA	NA	NA	14,923	13,970	12,317	10,671
Winchester ⁹	NA	NA	NA	12,326	11,696	10,373	9,253

SOURCE: U.S. Department of Commerce, Bureau of Economic Analysis. *Regional Economic Information System*. 1988. (Mimeograph.)

NOTES: The Bureau of Economic Analysis has made significant changes in the methodology used to produce the per capita income figures. As a result of these changes data from 1984-86 are not compatible with data for earlier years. Also, beginning in 1984 data for many of Virginia's independent cities are combined with their surrounding counties. See the footnotes below for these combinations.

1Data for Albemarle County and Charlottesville City are combined.

2Data for Alleghany County, Clifton Forge and Covington Cities are combined.

3Data for Augusta County, Staunton and Waynesboro Cities are combined.

4Data for Bedford County and City are combined.

5Data for Campbell County and Lynchburg City are combined.

6Data for Carroll County and Galax City are combined.

7Data for Dinwiddie County, Colonial Heights and Petersburg Cities are combined.

8Data for Fairfax County, Fairfax and Falls Church Cities are combined.

9Data for Frederick County and Winchester City are combined.

10Data for Greenville County and Emporia City are combined.

11Data for Halifax County and South Boston City are combined.

12Data for Henry County and Martinsville City are combined.

13Data for James City County and Williamsburg City are combined.

14Data for Montgomery County and Radford City are combined.

15Data for Pittsylvania County and Danville City are combined.

16Data for Prince George County and Hopewell City are combined.

17Data for Prince William County, Manassas and Manassas Park Cities are combined.

18Data for Roanoke County and Salem City are combined.

19Data for Rockbridge County, Buena Vista and Lexington Cities are combined.

20Data for Rockingham County and Harrisonburg City are combined.

21Data for Southampton County and Franklin City are combined.

22Data for Washington County and Bristol City are combined.

23Data for Wise County and Norton City are combined.

24Data for York County and Poquoson City are combined.

25Data for Spotsylvania County and Fredericksburg City are combined.

NA—Not available.



TABLE 12.9
Median Family and Median Household Income for the
U.S., Virginia, and Surrounding States: 1969 and 1979

	Median Family Income			Median Household Income		
	1979	1969		1979	1969	
		Current Dollars	Constant (1979) Dollars		Current Dollars	Constant (1979) Dollars
United States	\$19,917	\$9,586	\$18,988	\$18,841	\$8,486	\$16,802
Virginia	20,018	9,044	17,914	17,475	8,293	16,420
Delaware	20,817	10,209	20,222	17,846	9,309	18,432
District of Columbia	19,099	9,576	18,968	16,211	8,283	16,400
Florida	17,280	8,261	16,363	14,675	7,168	14,192
Georgia	17,414	8,165	16,173	15,033	7,346	14,545
Kentucky	16,444	7,459	14,735	13,965	6,537	12,943
Maryland	23,112	11,057	21,902	20,281	10,101	20,000
North Carolina	16,792	7,770	15,931	14,481	7,025	13,909
South Carolina	16,976	7,620	15,094	14,711	6,835	13,533
Tennessee	16,564	7,446	14,749	14,142	6,631	13,129
West Virginia	17,308	7,414	14,686	14,564	6,487	12,844

SOURCE: U.S. Department of Commerce, Bureau of the Census. *State and Metropolitan Area Data Book 1986*. U.S. Government Printing Office, Washington, D.C., 1986.

TABLE 12.10
Median Income for 4-Person Families for the
U.S., Virginia, and Surrounding States: 1969-1986

	1986	1985	1984	1983	1979	1969
United States	\$34,716	\$32,777	\$31,097	\$29,184	\$22,395	\$10,782
Virginia	37,885	35,353	33,480	31,451	22,976	10,256
Delaware	35,766	34,104	33,809	31,675	21,184	11,166
District of Columbia	35,424	32,610	31,104	28,701	21,310	10,302
Florida	33,368	31,364	28,858	25,455	20,757	9,990
Georgia	34,602	31,907	29,623	27,463	21,578	9,650
Kentucky	28,464	27,307	25,815	24,096	19,138	8,712
Maryland	42,250	40,055	38,132	35,475	24,686	11,988
North Carolina	31,787	30,290	27,995	25,363	19,648	9,104
South Carolina	31,025	29,417	27,810	25,756	20,154	8,939
Tennessee	29,568	27,917	26,603	24,081	19,437	8,781
West Virginia	27,094	26,170	25,316	22,153	18,876	8,514

SOURCE: U.S. Department of Commerce, Bureau of the Census, Income Statistics Branch. "Data on Median Income for 4-Person Families by State." Washington, D.C., 1988. (Mimeograph.)

NOTE: In current dollars.

TABLE 12.11A
Family Income Distribution for Virginia's Counties and Cities: 1979

	Total Families	Number of Families by Income Class				
		Less than \$5,000	\$5,000- \$7,499	\$7,500- \$9,999	\$10,000- \$14,999	\$15,000- \$19,999
Virginia	1,404,745	99,277	83,086	95,302	210,164	213,764
Counties						
Accomack	8,530	1,046	963	989	1,639	1,327
Albemarle	13,386	759	620	951	1,927	2,188
Alleghany	3,991	254	308	286	739	681
Amelia	2,225	154	230	188	429	393
Amherst	7,330	448	509	515	1,228	1,375
Appomattox	3,343	172	249	273	562	629
Arlington	36,054	1,290	1,018	1,537	3,308	4,023
Augusta	14,684	795	957	1,089	2,795	2,651
Bath	1,512	107	144	150	368	199
Bedford	9,865	575	697	790	1,859	1,878
Bland	1,732	178	131	112	402	437
Botetourt	6,731	436	385	518	1,154	971
Brunswick	3,948	478	452	498	867	589
Buchanan	10,301	1,229	801	829	1,614	1,959
Buckingham	3,003	348	323	375	652	627
Campbell	12,451	719	738	792	2,150	2,326
Caroline	4,619	394	415	478	759	804
Carroll	8,064	918	806	854	1,936	1,572
Charles City	1,609	131	125	122	196	322
Charlotte	3,224	487	364	348	655	613
Chesterfield	38,666	1,154	940	1,324	3,449	5,030
Clarke	2,642	155	165	170	445	511
Craig	1,149	63	122	104	225	260
Culpeper	6,035	544	449	424	1,016	989
Cumberland	2,064	277	261	193	467	360
Dickenson	5,540	708	425	531	1,016	1,046
Dinwiddie	5,371	441	470	373	769	909
Essex	2,307	190	190	156	475	426
Fairfax	159,735	3,613	2,858	3,670	10,429	12,707
Fauquier	9,583	545	507	595	1,347	1,407
Floyd	3,342	390	311	329	691	680
Fluvanna	2,793	234	246	244	640	427
Franklin	9,764	698	743	893	1,881	2,003
Frederick	9,665	561	535	739	1,691	1,680
Giles	5,085	395	426	492	1,165	968
Gloucester	5,748	449	425	454	958	944
Goochland	3,040	267	192	166	440	494
Grayson	4,886	458	600	605	1,104	1,098
Greene	2,098	178	110	145	367	410
Greensville	2,794	302	349	290	553	459
Halifax	8,329	992	847	729	1,907	1,471
Hanover	13,801	625	636	644	1,607	1,798
Henrico	50,727	2,042	1,820	2,507	6,026	8,067
Henry	16,366	1,045	1,249	1,275	2,893	3,442
Highland	863	90	75	88	148	150
Isle of Wight	5,779	537	346	333	910	946
James City	5,776	270	268	338	829	879
King and Queen	1,659	161	194	177	297	289
King George	2,720	235	168	195	389	325
King William	2,493	188	158	139	371	449
Lancaster	2,933	312	250	279	503	445
Lee	7,188	1,119	832	895	1,532	1,133
Loudoun	15,309	569	492	527	1,409	1,706

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TABLE 12.11A
Family Income Distribution for Virginia's
Counties and Cities: 1979, *CONTINUED*

	Total Families	Number of Families by Income Class				
		Less than \$5,000	\$5,000- \$7,499	\$7,500- \$9,999	\$10,000- \$14,999	\$15,000- \$19,999
Louisa	4,850	451	506	438	829	933
Lunenburg	3,311	324	368	415	664	559
Madison	2,817	268	227	262	654	557
Mathews	2,321	134	117	218	414	419
Mecklenburg	7,966	991	672	862	1,603	1,430
Middlesex	2,138	193	225	204	464	333
Montgomery	13,335	924	984	1,211	2,393	2,489
Nelson	3,298	352	379	394	590	507
New Kent	2,512	183	62	119	381	425
Northampton	3,850	631	430	420	901	524
Northumberland	2,880	168	252	302	561	495
Nottoway	3,779	423	325	316	689	704
Orange	4,964	438	412	453	961	810
Page	5,416	456	538	556	1,198	995
Patrick	5,103	451	439	619	990	985
Pittsylvania	18,474	1,590	1,420	1,816	3,617	3,456
Powhatan	3,060	185	191	178	375	526
Prince Edward	3,675	443	381	392	705	589
Prince George	5,772	336	260	536	1,049	1,001
Prince William	37,572	1,149	948	1,084	3,429	4,435
Pulaski	10,027	660	735	991	2,081	2,023
Rappahannock	1,654	134	164	124	283	300
Richmond	1,872	155	127	181	338	355
Roanoke	20,629	729	776	938	2,589	3,344
Rockbridge	5,034	425	438	513	995	1,021
Rockingham	15,450	989	1,021	1,319	2,795	3,153
Russell	8,972	971	753	839	1,724	1,506
Scott	7,272	1,149	887	810	1,395	1,142
Shenandoah	7,726	559	676	694	1,733	1,475
Smyth	9,367	820	874	1,077	2,167	1,932
Southampton	4,730	715	417	345	702	778
Spotsylvania	9,170	580	415	572	1,275	1,573
Stafford	10,662	344	448	487	1,290	1,530
Surry	1,485	156	117	179	289	264
Sussex	2,834	341	256	308	441	556
Tazewell	14,142	1,275	1,129	1,234	2,611	2,462
Warren	6,040	380	381	512	1,271	1,070
Washington	13,111	1,191	1,254	1,428	2,624	2,325
Westmoreland	3,897	380	380	347	780	660
Wise	11,934	1,155	862	1,117	1,928	2,144
Wythe	7,170	515	679	840	1,550	1,366
York	9,351	297	309	493	1,349	1,490
Cities						
Alexandria	24,285	1,268	883	1,042	2,633	3,104
Bedford	1,633	158	171	91	315	266
Bristol	5,242	539	424	440	952	944
Buena Vista	1,825	63	131	133	476	389
Charlottesville	8,630	500	580	719	1,284	1,436
Chesapeake	30,977	2,220	1,336	1,739	4,645	4,868
Clifton Forge	1,306	106	81	89	243	201
Colonial Heights	4,774	173	157	243	518	710
Covington	2,589	154	254	219	482	569
Danville	12,747	976	1,154	1,043	2,297	2,143
Emporia	1,271	135	112	121	313	168
Fairfax	5,117	139	103	158	408	607

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TABLE 12.11A
Family Income Distribution for Virginia's
Counties and Cities: 1979, *CONTINUED*

	Total Families	Number of Families by Income Class				
		Less than \$5,000	\$5,000- \$7,499	\$7,500- \$9,999	\$10,000- \$14,999	\$15,000- \$19,999
Falls Church	2,588	56	74	47	180	318
Franklin	1,973	287	141	207	309	301
Fredericksburg	3,526	229	239	246	614	617
Galax	1,947	167	244	262	466	307
Hampton	32,248	2,473	1,998	2,371	4,903	5,261
Harrisonburg	3,742	168	276	378	569	518
Hopewell	6,605	544	353	536	951	1,267
Lexington	1,341	109	122	108	278	178
Lynchburg	17,075	1,261	1,238	372	2,705	2,906
Manassas	4,063	163	103	156	385	430
Manassas Park	1,664	91	47	81	179	343
Martinsville	4,999	428	328	439	942	820
Newport News	38,490	3,350	2,433	2,929	6,216	6,142
Norfolk	61,506	8,052	5,282	5,985	11,899	9,089
Norton	1,265	102	160	106	222	190
Petersburg	10,568	1,190	990	950	1,720	1,546
Poquoson	2,406	55	139	106	172	326
Portsmouth	27,875	3,276	2,099	2,174	4,748	4,461
Radford	2,501	143	160	227	369	465
Richmond	52,726	6,392	3,982	4,171	8,878	7,854
Roanoke	27,277	2,792	2,273	2,345	4,748	4,755
Salem	6,457	322	344	514	1,150	1,147
South Boston	1,887	202	173	86	363	440
Staunton	5,797	350	228	396	1,052	1,011
Suffolk	12,580	1,284	1,001	869	2,118	1,980
Virginia Beach	67,720	3,970	2,365	3,513	9,748	9,920
Waynesboro	4,386	211	315	279	754	799
Williamsburg	1,372	19	69	72	226	199
Winchester	5,291	427	396	480	889	776
MSAs						
Bristol (Va. portion)	25,625	2,879	2,565	2,678	4,971	4,411
Charlottesville	26,907	1,671	1,556	2,059	4,218	4,461
Danville	31,221	2,566	2,574	2,859	5,914	5,599
Lynchburg	36,856	2,428	2,485	1,679	6,083	6,607
Norfolk	296,049	25,715	17,724	21,043	47,811	45,559
Northern Virginia	297,049	8,682	6,974	8,789	23,650	29,203
Richmond	199,231	13,663	10,178	11,869	26,339	30,009
Roanoke	61,094	4,279	3,778	4,315	9,641	10,217
Planning Districts						
LENOWISCO	27,659	3,525	2,741	2,928	5,077	4,609
Cumberland Plateau	38,955	4,183	3,108	3,433	6,965	6,973
Mount Rogers	51,519	4,786	5,012	5,618	11,221	9,981
New River Valley	34,290	2,512	2,616	3,250	6,699	6,625
Fifth	70,129	4,856	4,543	5,013	11,330	11,928
Central Shenandoah	54,634	3,327	3,707	4,453	10,230	10,069
Lord Fairfax	36,780	2,538	2,691	3,151	7,227	6,507
Northern Virginia	286,387	8,338	6,526	8,302	22,360	27,673
Rappahannock-Rapidan	25,053	1,929	1,759	1,858	4,241	4,063
Thomas Jefferson	35,055	2,474	2,441	2,891	5,637	5,901
Central Virginia	51,697	3,333	3,602	2,833	8,819	9,380
West Piedmont	67,453	5,188	5,333	6,085	12,620	12,849
Southside	22,130	2,663	2,144	2,175	4,740	3,930
Piedmont	21,281	2,456	2,252	2,227	4,261	3,745
Richmond Regional	166,141	10,979	7,948	9,231	21,332	24,576

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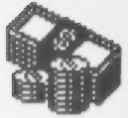


TABLE 12.11A
Family Income Distribution for Virginia's
Counties and Cities: 1979, CONTINUED

	Total Families	Number of Families by Income Class				
		Less than \$5,000	\$5,000- \$7,499	\$7,500- \$9,999	\$10,000- \$14,999	\$15,000- \$19,999
RADCO	30,697	1,762	1,685	1,978	4,327	4,849
Northern Neck	11,582	1,013	1,009	1,109	2,182	1,955
Middle Peninsula	16,666	1,315	1,309	1,348	2,979	2,860
Crater	41,474	3,618	3,064	3,536	6,603	6,900
Southeastern Virginia	213,140	20,341	12,987	15,165	35,079	32,343
Peninsula	89,643	6,464	5,216	6,309	13,695	14,297
Accomack-Norhampton	12,380	1,677	1,393	1,409	2,540	1,851

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population. *General Social and Economic Characteristics Virginia*. U.S. Government Printing Office, Washington, D.C., 1983.

NOTES: A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
 A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 12.11B
Family Income Distribution for Virginia's
Counties and Cities: 1979, Continued

	Number of Families by Income Class					Median Income	Mean Income
	\$20,000- \$24,999	\$25,000- \$34,999	\$35,000- \$49,999	\$50,000 or More			
Virginia	196,200	260,200	158,378	88,374		\$20,108	\$23,443
Counties							
Accomack	866	893	498	309		13,803	17,294
Albemarle	1,942	2,344	1,518	1,137		20,554	26,113
Alleghany	547	731	224	121		17,759	19,856
Amelia	368	304	101	58		16,212	18,390
Amherst	1,230	1,445	455	125		18,283	20,216
Appomattox	511	606	227	114		18,353	20,707
Arlington	3,864	7,428	7,642	5,944		28,771	32,309
Augusta	2,105	2,724	1,112	456		18,101	20,685
Bath	110	236	158	40		14,840	19,016
Bedford	1,495	1,611	734	226		17,764	19,735
Bland	221	174	48	19		15,554	16,168
Botetourt	1,100	1,289	619	201		19,478	21,360
Brunswick	459	442	87	76		13,112	15,868
Buchanan	1,518	1,533	497	321		16,716	19,001
Buckingham	309	307	95	67		13,420	15,923
Campbell	1,876	2,494	1,011	345		18,773	21,100
Caroline	597	784	280	108		16,414	18,681
Carroll	995	673	209	101		13,780	15,452
Charles City	242	237	145	89		18,570	21,264
Charlotte	416	275	123	43		12,776	15,088
Chesterfield	6,456	11,107	6,615	2,731		25,753	27,763
Clarke	313	493	213	177		18,922	24,465
Craig	201	147	14	15		16,073	16,794

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TABLE 12.11B
Family Income Distribution for Virginia's
Counties and Cities: 1979, *CONTINUED*

	Number of Families by Income Class				Median Income	Mean Income
	\$20,000- \$24,999	\$25,000- \$34,999	\$35,000- \$49,999	\$50,000 or More		
Culpeper	906	998	457	252	17,811	20,641
Cumberland	180	196	105	25	12,720	15,411
Dickenson	839	660	187	128	15,399	17,157
Dinwiddie	894	958	385	172	18,425	20,470
Essex	315	318	148	89	16,484	19,474
Fairfax	16,596	35,858	42,508	31,496	33,173	36,225
Fauquier	1,364	1,973	1,132	713	21,205	24,737
Floyd	454	303	150	34	14,585	16,081
Fluvanna	357	406	197	42	15,361	17,855
Franklin	1,333	1,524	455	234	16,399	18,670
Frederick	1,526	1,958	651	324	18,783	20,801
Giles	696	619	233	91	15,274	17,542
Gloucester	886	1,025	459	148	17,670	20,063
Goochland	488	410	327	256	19,607	25,213
Grayson	473	306	158	84	13,691	16,419
Greene	417	313	91	67	18,101	19,430
Greensville	391	277	140	33	13,829	16,655
Halifax	1,137	853	242	151	14,094	16,144
Hanover	2,307	3,471	1,965	748	23,261	25,666
Henrico	8,842	11,992	6,435	2,996	22,685	25,617
Henry	2,663	2,564	947	288	17,427	19,343
Highland	115	121	55	21	15,953	17,851
Isle of Wight	1,028	1,049	434	196	19,004	20,491
James City	794	1,233	772	393	21,959	24,779
King and Queen	217	206	60	58	15,010	18,820
King George	349	590	349	120	20,632	22,455
King William	386	469	210	123	19,446	22,244
Lancaster	385	389	203	167	16,349	20,028
Lee	777	649	172	79	12,174	14,770
Loudoun	2,239	3,923	3,011	1,433	26,660	29,665
Louisa	685	642	255	111	16,003	18,035
Lunenburg	408	364	152	57	14,100	16,405
Madison	381	305	101	62	14,977	16,761
Mathews	327	385	198	109	18,501	21,407
Mecklenburg	1,006	926	297	179	14,517	16,818
Middlesex	231	274	145	69	14,809	18,326
Montgomery	1,720	2,171	1,035	408	17,084	19,998
Nelson	444	372	177	83	14,404	17,497
New Kent	494	481	272	55	20,494	21,655
Northampton	387	356	148	53	12,131	14,637
Northumberland	344	417	155	188	16,371	21,454
Nottoway	515	527	177	103	15,803	17,932
Orange	686	695	379	130	16,401	18,633
Page	698	663	199	113	14,825	16,937
Patrick	861	557	134	67	15,267	17,585
Pittsylvania	2,726	2,665	768	416	16,033	18,539
Powhatan	513	718	278	96	20,710	22,348
Prince Edward	510	407	162	86	14,366	16,956
Prince George	847	1,137	434	172	18,540	20,589
Prince William	5,804	11,130	7,240	2,353	26,533	28,003
Pulaski	1,505	1,376	442	214	16,247	18,312
Rappahannock	230	241	121	77	16,678	20,694
Richmond	281	253	117	65	16,767	19,509
Roanoke	3,592	5,127	2,438	1,096	22,570	25,486
Rockbridge	584	745	223	90	15,649	17,533

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TABLE 12.11B
Family Income Distribution for Virginia's
Counties and Cities: 1979, *CONTINUED*

	Number of Families by Income Class				Median Income	Mean Income
	\$20,000- \$24,999	\$25,000- \$34,999	\$35,000- \$49,999	\$50,000 or More		
Rockingham	2,445	2,268	986	474	17,310	20,214
Russell	1,302	1,226	504	147	15,597	17,352
Scott	788	864	172	65	12,576	14,675
Shenandoah	1,071	883	458	177	15,627	18,050
Smyth	1,139	865	264	209	14,381	17,066
Southampton	675	715	293	90	16,089	18,684
Spotsylvania	1,614	2,003	858	300	20,600	22,570
Stafford	1,922	2,554	1,575	512	22,927	24,951
Surry	170	201	71	38	15,027	18,661
Sussex	342	373	146	71	15,634	17,816
Tazewell	2,201	2,145	688	397	16,431	18,713
Warren	971	990	331	134	17,106	18,983
Washington	1,718	1,669	438	464	15,114	18,437
Westmoreland	450	540	207	153	15,395	18,279
Wise	1,924	1,770	706	328	16,942	19,071
Wythe	997	791	289	143	15,004	17,336
York	1,349	2,371	1,270	423	22,630	24,502
Cities						
Alexandria	2,967	4,627	4,370	3,391	25,496	30,042
Bedford	217	247	136	32	16,445	18,648
Bristol	658	807	284	194	16,357	19,023
Buena Vista	312	244	34	23	16,091	17,538
Charlottesville	1,276	1,718	657	460	19,115	22,725
Chesapeake	5,164	6,793	3,222	990	20,616	22,206
Clifton Forge	219	229	109	29	18,405	20,285
Colonial Heights	804	1,264	719	186	23,539	24,826
Covington	327	430	126	28	16,551	18,192
Danville	1,733	2,135	794	472	16,985	19,952
Emporia	134	180	35	53	14,011	17,716
Fairfax	628	1,212	1,244	618	29,244	31,421
Falls Church	308	550	627	428	30,817	33,123
Franklin	223	255	165	85	15,937	19,283
Fredericksburg	462	537	404	170	18,392	21,973
Galax	249	144	45	63	13,427	19,124
Hampton	4,833	6,137	3,180	1,112	19,144	21,400
Harrisonburg	627	659	368	179	19,648	22,472
Hopewell	1,015	1,340	481	118	18,658	19,701
Lexington	144	186	147	69	16,651	20,804
Lynchburg	2,297	2,824	1,609	863	18,332	21,776
Manassas	577	1,305	751	193	26,510	27,345
Manassas Park	380	392	119	32	21,058	21,420
Martinsville	637	683	491	231	17,469	20,903
Newport News	5,667	7,246	3,156	1,351	18,477	21,005
Norfolk	7,443	7,840	3,834	2,082	14,779	18,240
Norton	176	150	113	46	15,864	19,353
Petersburg	1,496	1,564	700	412	16,402	20,235
Poquoson	350	699	408	151	25,595	26,981
Portsmouth	3,788	4,585	1,947	797	16,753	19,101
Radford	356	461	182	138	18,680	22,220
Richmond	6,700	7,771	4,470	2,508	16,820	20,881
Roanoke	3,582	4,159	1,524	1,099	16,581	19,657
Salem	915	1,226	533	306	18,897	23,176
South Boston	192	264	89	78	16,316	18,578
Staunton	902	1,116	466	296	19,369	22,257
Suffolk	1,885	2,233	854	356	17,454	19,887

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TABLE 12.11B
Family Income Distribution for Virginia's
Counties and Cities: 1979, *CONTINUED*

	Number of Families by Income Class				Median Income	Mean Income
	\$20,000- \$24,999	\$25,000- \$34,999	\$35,000- \$49,999	\$50,000 or More		
Virginia Beach	10,858	15,066	8,403	3,877	21,809	24,708
Waynesboro	705	731	372	220	18,950	22,788
Williamsburg	155	273	258	101	23,373	28,160
Winchester	719	870	426	308	17,690	21,929
MSAs						
Bristol (Va. portion)	3,164	3,340	894	723	NC	NC
Charlottesville	3,992	4,781	2,463	1,706	NC	NC
Danville	4,459	4,800	1,562	888	NC	NC
Lynchburg	5,403	6,763	3,075	1,333	NC	NC
Norfolk	43,172	55,501	27,743	11,781	NC	NC
Northern Virginia	35,285	68,979	69,087	46,400	NC	NC
Richmond	31,098	42,450	23,226	10,399	NC	NC
Roanoke	9,247	11,801	5,114	2,702	NC	NC
Planning Districts						
LENOWISCO	3,665	3,433	1,163	518	NC	NC
Cumberland Plateau	5,860	5,564	1,876	993	NC	NC
Mount Rogers	6,460	5,429	1,735	1,277	NC	NC
New River Valley	4,731	4,930	2,042	885	NC	NC
Fifth	10,541	13,336	5,587	2,895	NC	NC
Central Shenandoah	8,049	9,030	3,921	1,868	NC	NC
Lord Fairfax	5,298	5,857	2,278	1,233	NC	NC
Northern Virginia	33,363	66,425	67,512	45,888	NC	NC
Rappahannock-Rapidan	3,567	4,212	2,190	1,234	NC	NC
Thomas Jefferson	5,121	5,795	2,895	1,900	NC	NC
Central Virginia	7,626	9,227	4,172	1,705	NC	NC
West Piedmont	9,953	10,128	3,589	1,708	NC	NC
Southside	2,794	2,485	715	484	NC	NC
Piedmont	2,706	2,380	915	439	NC	NC
Richmond Regional	26,042	36,187	20,507	9,339	NC	NC
RADCO	4,944	6,468	3,466	1,218	NC	NC
Northern Neck	1,460	1,599	682	573	NC	NC
Middle Peninsula	2,362	2,677	1,220	596	NC	NC
Crater	6,093	7,294	3,111	1,255	NC	NC
Southeastern Virginia	31,064	38,536	19,152	8,473	NC	NC
Peninsula	13,148	17,959	9,024	3,531	NC	NC
Accomack-Norhampton	1,253	1,249	646	362	NC	NC

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population. *General Social and Economic Characteristics Virginia*. U.S. Government Printing Office, Washington, D.C., 1983.

NOTES: NC—Not computed.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

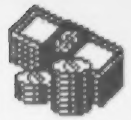


TABLE 12.12
Projected Median Family Income for Virginia's
Counties and Cities: 1986-1990

	1990	1989	1988	1987	1986
Virginia	\$39,175	\$36,953	\$34,831	\$32,890	\$31,148
Counties					
Accomack	26,573	25,068	23,632	22,307	21,134
Albemarle	42,076	39,712	37,431	35,334	33,464
Alleghany	34,738	32,766	30,900	29,177	27,631
Amelia	29,997	28,296	26,675	25,184	23,855
Amherst	35,310	33,317	31,415	29,660	28,087
Appomattox	34,923	32,940	31,048	29,323	27,762
Arlington	56,527	53,334	50,285	47,494	44,963
Augusta	34,014	32,077	30,248	28,565	27,044
Bath	26,717	25,205	23,768	22,434	21,249
Bedford	34,646	32,691	30,808	29,102	27,557
Bland	28,301	26,701	25,179	23,765	22,507
Botetourt	37,442	35,319	33,293	31,442	29,767
Brunswick	25,522	24,080	22,702	21,438	20,303
Buchanan	28,115	26,510	25,006	23,602	22,348
Buckingham	24,619	23,222	21,893	20,670	19,582
Campbell	36,048	34,020	32,068	30,284	28,669
Caroline	31,413	29,640	27,933	26,390	24,979
Carroll	26,845	25,316	23,869	22,546	21,347
Charles City	36,616	34,553	32,564	30,761	29,126
Charlotte	23,691	22,360	21,080	19,902	18,840
Chesterfield	51,244	48,360	45,579	43,056	40,764
Clarke	35,323	33,336	31,424	29,663	28,092
Craig	30,027	28,325	26,703	25,226	23,877
Culpeper	34,884	32,906	31,018	29,290	27,740
Cumberland	22,771	21,483	20,245	19,123	18,115
Dickenson	28,672	27,040	25,501	24,070	22,793
Dinwiddie	34,449	32,496	30,634	28,920	27,390
Essex	30,539	28,809	27,161	25,644	24,293
Fairfax	61,924	58,407	55,079	52,005	49,248
Fauquier	43,788	41,307	38,932	36,769	34,819
Floyd	28,582	26,964	25,419	24,005	22,737
Fluvanna	30,298	28,580	26,939	25,435	24,085
Franklin	31,023	29,258	27,590	26,054	24,665
Frederick	36,480	34,414	32,442	30,638	29,023
Giles	29,187	27,538	25,996	24,516	23,218
Gloucester	34,945	32,966	31,074	29,342	27,787
Goochland	39,626	37,390	35,232	33,270	31,505
Grayson	26,361	24,868	23,444	22,130	20,966
Greene	35,848	33,819	31,881	30,105	28,511
Greensville	27,998	26,407	24,899	23,502	22,257
Halifax	28,376	26,780	25,240	23,840	22,580
Hanover	45,072	42,537	40,095	37,862	35,862
Henrico	44,211	41,693	39,311	37,134	35,160
Henry	32,920	31,055	29,277	27,639	26,175
Highland	27,802	26,225	24,728	23,343	22,101
Isle of Wight	37,484	35,355	33,340	31,477	29,805
James City	44,830	42,283	39,868	37,651	35,653
King and Queen	28,170	26,569	25,043	23,652	22,395
King George	39,848	37,599	35,453	33,472	31,697
King William	38,579	36,381	34,299	32,393	30,681
Lancaster	31,873	30,075	28,359	26,773	25,351
Lee	22,758	21,479	20,248	19,115	18,104
Loudoun	54,561	51,469	48,537	45,818	43,393
Louisa	30,670	28,926	27,278	25,758	24,398
Lunenburg	26,434	24,925	23,501	22,190	21,020

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TABLE 12.12
Projected Median Family Income for Virginia's
Counties and Cities: 1986-1990, *CONTINUED*

	1990	1989	1988	1987	1986
Madison	30,060	28,370	26,740	25,244	23,913
Mathews	37,170	35,060	33,061	31,210	29,562
Mecklenburg	28,184	26,588	25,064	23,671	22,423
Middlesex	28,600	26,988	25,435	24,031	22,744
Montgomery	34,031	32,101	30,256	28,582	27,061
Nelson	28,055	26,477	24,955	23,560	22,320
New Kent	41,879	39,522	37,247	35,176	33,311
Northampton	23,711	22,375	21,087	19,909	18,864
Northumberland	30,754	29,019	27,349	25,827	24,452
Nottoway	28,638	27,011	25,463	24,042	22,778
Orange	31,091	29,336	27,647	26,106	24,728
Page	27,719	26,148	24,652	23,289	22,045
Patrick	29,780	28,086	26,484	25,005	23,677
Pittsylvania	30,956	29,208	27,541	26,002	24,624
Powhatan	39,914	37,636	35,481	33,514	31,732
Prince Edward	27,928	26,349	24,841	23,463	22,213
Prince George	36,163	34,123	32,176	30,377	28,763
Prince William	53,458	50,434	47,542	44,889	42,501
Pulaski	32,537	30,701	28,931	27,322	25,877
Rappahannock	32,478	30,632	28,886	27,273	25,826
Richmond	29,530	27,870	26,277	24,801	23,493
Roanoke	43,310	40,850	38,525	36,381	34,440
Rockbridge	29,440	27,782	26,186	24,732	23,418
Rockingham	31,831	30,031	28,300	26,725	25,306
Russell	27,255	25,711	24,230	22,889	21,673
Scott	23,403	22,081	20,822	19,651	18,619
Shenandoah	29,869	28,166	26,557	25,073	23,745
Smyth	26,700	25,190	23,738	22,415	21,236
Southampton	32,876	31,010	29,241	27,616	26,153
Spotsylvania	41,820	39,451	37,205	35,125	33,271
Stafford	45,479	42,912	40,459	38,190	36,172
Surry	27,621	26,047	24,564	23,200	21,971
Sussex	30,506	28,772	27,132	25,617	24,258
Tazewell	27,913	26,336	24,824	23,444	22,212
Warren	33,070	31,205	29,409	27,783	26,312
Washington	28,314	26,713	25,187	23,782	22,528
Westmoreland	30,476	28,753	27,107	25,599	24,230
Wise	31,154	29,393	27,699	26,157	24,768
Wythe	27,334	25,790	24,305	22,956	21,741
York	45,433	42,854	40,410	38,147	36,134
Cities					
Alexandria	49,739	46,909	44,232	41,759	39,541
Bedford	28,088	26,497	24,984	23,582	22,333
Bristol	29,309	27,656	26,067	24,625	23,311
Buena Vista	30,586	28,849	27,193	25,681	24,331
Charlottesville	36,515	34,451	32,481	30,665	29,040
Chesapeake	40,490	38,201	36,016	33,996	32,202
Clifton Forge	33,178	31,298	29,510	27,851	26,376
Colonial Heights	44,615	42,097	39,697	37,485	35,485
Covington	30,419	28,698	27,043	25,537	24,180
Danville	31,590	29,807	28,092	26,529	25,119
Emporia	26,995	25,468	24,011	22,681	21,476
Fairfax	57,544	54,301	51,176	48,343	45,772
Falls Church	57,792	54,504	51,398	48,536	45,948
Franklin	30,238	28,530	26,886	25,399	24,039
Fredericksburg	36,436	34,375	32,406	30,603	28,983
Galax	26,768	25,250	23,812	22,482	21,286
Hampton	37,024	34,919	32,928	31,090	29,443
Harrisonburg	36,859	34,775	32,790	30,961	29,330

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TABLE 12.12
Projected Median Family Income for Virginia's
Counties and Cities: 1986–1990, *CONTINUED*

	1990	1989	1988	1987	1986
Hopewell	34,262	32,321	30,473	28,775	27,245
Lexington	32,736	30,888	29,123	27,491	26,042
Lynchburg	34,853	32,891	31,003	29,279	27,721
Manassas	53,887	50,840	47,926	45,250	42,866
Manassas Park	41,423	39,086	36,853	34,789	32,957
Martinsville	33,028	31,158	29,375	27,733	26,265
Newport News	35,936	33,903	31,963	30,190	28,582
Norfolk	28,002	26,421	24,899	23,510	22,269
Norton	28,563	26,947	25,411	23,985	22,717
Petersburg	30,340	28,618	26,978	25,486	24,124
Poquoson	52,354	49,387	46,548	43,965	41,638
Portsmouth	32,331	30,505	28,763	27,155	25,714
Radford	38,300	36,132	34,057	32,169	30,449
Richmond	32,612	30,762	28,996	27,381	25,935
Roanoke	30,905	29,164	27,490	25,964	24,588
Salem	36,233	34,192	32,226	30,431	28,824
South Boston	30,027	28,330	26,716	25,215	23,878
Staunton	35,180	33,184	31,286	29,542	27,973
Suffolk	34,371	32,433	30,565	28,872	27,336
Virginia Beach	42,242	39,843	37,553	35,460	33,584
Waynesboro	33,533	31,638	29,818	28,169	26,671
Williamsburg	45,025	42,481	40,053	37,812	35,805
Winchester	33,447	31,554	29,749	28,085	26,599
MSAs					
Bristol (Va. portion)	27,261	25,719	24,251	22,901	21,682
Charlottesville	38,622	36,452	34,361	32,443	30,719
Danville	31,183	29,413	27,741	26,185	24,792
Lynchburg	35,353	33,359	31,438	29,701	28,113
Norfolk	36,606	34,530	32,547	30,735	29,111
Northern Virginia	59,225	55,859	52,674	49,729	47,085
Richmond	41,236	38,890	36,650	34,600	32,761
Roanoke	36,424	34,368	32,390	30,584	28,970
Planning Districts					
LENOWISCO	26,851	25,327	23,876	22,555	21,350
Cumberland Plateau	27,956	26,388	24,868	23,477	22,232
Mount Rogers	27,393	25,846	24,371	23,013	21,786
New River Valley	32,576	30,721	28,965	27,357	25,913
Fifth	35,888	33,861	31,929	30,149	28,540
Central Shenandoah	32,486	30,631	28,882	27,257	25,809
Lord Fairfax	32,487	30,652	28,885	27,271	25,826
Northern Virginia	59,526	56,141	52,938	49,977	47,348
Rappahannock-Rapidan	36,387	34,324	32,354	30,547	28,923
Thomas Jefferson	36,367	34,295	32,334	30,538	28,925
Central Virginia	34,963	32,992	31,095	29,361	27,810
West Piedmont	31,638	29,841	28,128	26,564	25,151
Southside	28,160	26,577	25,051	23,654	22,399
Piedmont	26,538	25,024	23,594	22,280	21,094
Richmond Regional	42,568	40,167	37,874	35,754	33,851
RADCO	41,060	38,741	36,525	34,496	32,674
Northern Neck	30,789	29,035	27,378	25,850	24,483

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TABLE 12.12
Projected Median Family Income for Virginia's
Counties and Cities: 1986-1990, *CONTINUED*

	1990	1989	1988	1987	1986
Middle Peninsula	33,894	31,969	30,130	28,430	26,921
Crater	33,835	31,905	30,082	28,402	26,900
Southeastern Virginia	35,747	33,713	31,789	30,014	28,424
Peninsula	38,351	36,177	34,101	32,201	30,497
Accomack-Northampton	25,537	24,084	22,710	21,441	20,305

SOURCE: Knapp, John L. and Robert W. Cox. *Projections of Virginia Family and Household Income by Locality, 1986 to 1990*. Tayloe Murphy Institute, University of Virginia. Charlottesville, Virginia, 1986.

NOTES: A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 12.13A
Household Income Distribution for Virginia's Counties and Cities: 1979

	Total Households	Number of Households by Income Class				
		Less than \$5,000	\$5,000- \$7,499	\$7,500- \$9,999	\$10,000- \$14,999	\$15,000- \$19,999
Virginia	1,864,922	218,588	136,883	142,597	291,807	271,646
Counties						
Accomack	11,593	2,631	1,440	1,350	2,027	1,437
Albemarle	18,862	1,906	1,295	1,503	2,993	2,914
Alleghany	4,848	675	405	331	861	768
Amelia	2,726	386	273	237	533	437
Amherst	8,950	976	736	699	1,506	1,574
Appomattox	4,080	529	358	349	625	697
Arlington	71,724	4,615	3,504	4,081	10,036	10,480
Augusta	17,944	2,126	1,358	1,485	3,361	2,968
Bath	1,941	313	220	177	410	203
Bedford	11,915	1,412	940	970	2,144	2,116
Bland	2,111	369	199	147	447	457
Botetourt	8,036	935	581	668	1,355	1,073
Brunswick	5,057	996	645	693	993	628
Buchanan	11,790	1,874	1,048	973	1,807	2,118
Buckingham	3,851	791	466	433	747	573
Campbell	14,997	1,677	1,104	1,098	2,629	2,543
Caroline	5,696	721	605	625	982	900
Carroll	9,746	1,904	1,021	1,077	2,089	1,613
Charles City	1,936	238	153	134	298	336
Charlotte	4,061	958	482	409	726	578
Chesterfield	45,854	2,248	1,612	1,996	4,918	6,310
Clarke	3,485	438	230	267	634	597
Craig	1,463	210	160	150	265	291
Culpeper	7,578	1,133	625	654	1,232	1,134
Cumberland	2,593	555	319	238	520	402
Dickenson	6,460	1,141	637	596	1,115	1,106
Dinwiddie	6,356	840	616	467	882	1,038
Essex	3,032	487	264	233	622	499
Fairfax	205,608	6,833	5,203	6,201	17,505	20,937
Fauquier	11,703	1,161	796	877	1,628	1,580

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TABLE 12.13A
Household Income Distribution for Virginia's
Counties and Cities: 1979, *CONTINUED*

	Total Households	Number of Households by Income Class				
		Less than \$5,000	\$5,000- \$7,499	\$7,500- \$9,999	\$10,000- \$14,999	\$15,000- \$19,999
Floyd	4,161	842	459	412	725	716
Fluvanna	3,448	525	357	316	746	450
Franklin	11,836	1,528	1,080	1,176	2,181	2,175
Frederick	11,568	1,221	791	927	1,959	1,905
Giles	6,302	909	610	659	1,324	1,079
Gloucester	7,143	937	641	550	1,143	1,104
Goochland	3,666	513	281	230	488	528
Grayson	6,004	1,113	771	732	1,215	1,128
Greene	2,522	386	164	162	430	459
Greensville	3,429	693	424	330	618	505
Halifax	10,135	1,951	1,172	915	2,110	1,515
Hanover	16,294	1,459	1,001	883	2,012	2,040
Henrico	67,000	4,832	3,406	4,591	9,692	10,766
Henry	19,517	2,257	1,622	1,771	3,415	3,787
Highland	1,107	235	95	100	167	169
Isle of Wight	7,042	991	547	431	1,149	1,056
James City	7,661	758	525	568	1,162	1,080
King and Queen	2,057	369	241	225	338	315
King George	3,438	420	270	265	480	454
King William	3,067	373	269	191	488	489
Lancaster	3,875	679	413	388	623	511
Lee	8,857	2,064	1,132	1,066	1,672	1,182
Loudoun	18,745	1,224	879	788	1,653	2,290
Louisa	5,997	1,029	663	534	968	1,024
Lunenburg	4,283	835	502	533	760	628
Madison	3,450	577	315	257	793	595
Mathews	3,134	501	279	274	509	463
Mecklenburg	10,080	2,019	1,004	1,048	1,812	1,610
Middlesex	2,868	557	373	240	577	369
Montgomery	20,849	3,551	2,298	2,193	3,667	3,072
Nelson	4,257	865	473	467	703	578
New Kent	3,008	360	124	173	467	522
Northampton	5,374	1,455	711	536	1,056	581
Northumberland	3,785	563	387	373	745	535
Nottoway	4,964	984	528	459	873	789
Orange	6,268	965	598	634	1,206	863
Page	6,837	1,091	815	719	1,396	1,068
Patrick	6,197	1,038	643	719	1,117	1,006
Pittsylvania	22,215	3,395	2,007	2,120	4,162	3,718
Powhatan	3,548	393	222	216	420	582
Prince Edward	4,912	961	509	517	896	710
Prince George	6,547	524	331	626	1,242	1,105
Prince William	43,825	1,732	1,387	4,565	1,565	5,370
Pulaski	12,424	1,650	1,109	1,321	2,360	2,241
Rappahannock	2,150	353	266	152	323	338
Richmond	2,403	427	214	231	405	375
Roanoke	5,286	1,864	1,303	1,464	3,693	3,927
Rockbridge	6,312	991	643	672	1,158	1,117
Rockingham	19,092	2,476	1,518	1,821	3,351	3,412
Russell	10,544	1,765	1,043	983	1,870	1,558
Scott	8,740	2,060	1,113	923	1,493	1,202
Shenandoah	9,997	1,472	1,056	1,016	2,046	1,618
Smyth	11,418	1,818	1,261	1,316	2,453	2,009
Southampton	5,775	1,267	550	423	837	878
Spotsylvania	10,816	977	544	756	1,613	1,806

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TABLE 12.13A
Household Income Distribution for Virginia's
Counties and Cities: 1979, *CONTINUED*

	Total Households	Number of Households by Income Class				
		Less than \$5,000	\$5,000- \$7,499	\$7,500- \$9,999	\$10,000- \$14,999	\$15,000- \$19,999
Stafford	12,239	759	635	718	1,534	1,722
Surry	1,970	339	185	205	366	342
Sussex	3,610	752	325	368	549	644
Tazewell	16,993	2,424	1,784	1,516	2,952	2,667
Warren	7,845	1,121	593	665	1,567	1,211
Washington	15,906	2,662	1,646	1,650	2,992	2,455
Westmoreland	5,059	968	477	425	1,007	710
Wise	14,596	2,232	1,465	1,406	2,270	2,345
Wythe	8,944	1,283	878	1,110	1,841	1,487
York	10,923	629	488	670	1,677	1,716
Cities						
Alexandria	49,238	3,416	2,248	2,559	7,294	7,650
Bedford	2,305	425	277	176	416	329
Bristol	7,203	1,465	699	603	1,177	1,137
Buena Vista	2,270	281	183	198	548	434
Charlottesville	15,395	2,388	1,704	1,545	2,543	2,199
Chesapeake	36,568	3,771	1,973	2,477	5,630	5,727
Clifton Forge	1,887	362	216	148	334	221
Colonial Heights	5,882	432	316	405	753	825
Covington	3,513	493	447	379	598	627
Danville	17,517	3,046	1,799	1,663	3,012	2,487
Emporia	1,753	312	171	175	432	227
Fairfax	6,909	293	174	326	779	877
Falls Church	4,265	169	197	149	521	519
Franklin	2,553	495	223	260	444	347
Fredericksburg	5,917	910	560	449	1,195	869
Galax	2,639	448	402	327	601	334
Hampton	41,682	4,524	3,223	3,445	7,011	6,465
Harrisonburg	5,927	847	643	652	1,021	686
Hopewell	8,634	1,236	654	756	1,278	1,519
Lexington	2,163	413	277	182	413	212
Lynchburg	23,880	3,268	2,181	2,159	4,091	3,655
Manassas	5,079	241	201	206	573	643
Manassas Park	1,860	114	60	101	195	398
Martinsville	6,623	989	529	685	1,207	1,001
Newport News	51,674	6,707	3,948	4,564	8,983	7,876
Norfolk	88,383	15,758	9,241	9,516	17,102	12,033
Norton	1,653	288	224	133	268	212
Petersburg	14,945	2,577	1,615	1,444	2,526	2,113
Poquoson	2,743	166	177	160	226	353
Portsmouth	36,807	6,071	3,317	3,326	6,572	5,410
Radford	3,833	547	358	494	585	623
Richmond	86,019	15,032	8,124	8,092	15,608	12,123
Roanoke	40,016	6,780	4,386	4,099	7,000	5,841
Salem	8,643	872	659	857	1,614	1,384
South Boston	2,563	437	281	194	494	477
Staunton	8,047	1,008	579	712	1,495	1,216
Suffolk	15,759	2,497	1,380	1,211	2,694	2,229
Virginia Beach	85,302	6,465	4,003	5,311	13,369	12,910
Waynesboro	5,840	626	472	470	1,109	1,002
Williamsburg	2,785	335	254	326	477	411
Winchester	7,938	1,136	798	855	1,438	1,067
MSAs						
Bristol (Va. portion)	31,849	6,187	3,458	3,176	5,662	4,794
Charlottesville	40,227	5,205	3,520	3,526	6,712	6,022

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TABLE 12.13A
Household Income Distribution for Virginia's
Counties and Cities: 1979, *CONTINUED*

	Total Households	Number of Households by Income Class				
		Less than \$5,000	\$5,000- \$7,499	\$7,500- \$9,999	\$10,000- \$14,999	\$15,000- \$19,999
Danville	39,732	6,441	3,806	3,783	7,174	6,205
Lynchburg	47,827	5,921	4,021	3,956	8,226	7,772
Norfolk	387,430	48,618	29,170	32,124	66,046	57,314
Northern Virginia	419,492	19,396	14,488	19,694	41,865	50,886
Richmond	269,689	30,684	18,455	20,013	40,584	39,807
Roanoke	31,981	10,451	6,929	7,088	13,662	12,225
Planning Districts						
LENOWISCO	33,846	6,644	3,934	3,528	5,703	4,941
Cumberland Plateau	45,787	7,204	4,512	4,068	7,744	7,449
Mount Rogers	63,971	11,062	6,877	6,962	12,815	10,620
New River Valley	47,569	7,499	4,834	5,079	8,661	7,731
Fifth	93,692	12,191	8,157	8,096	15,720	14,132
Central Shenandoah	70,643	9,316	5,988	6,469	13,033	11,419
Lord Fairfax	47,670	6,479	4,283	4,449	9,040	7,466
Northern Virginia	407,253	18,637	13,853	18,976	40,331	49,164
Rappahannock-Rapidan	31,149	4,189	2,600	2,574	5,182	4,510
Thomas Jefferson	50,481	7,099	4,656	4,527	8,383	7,624
Central Virginia	66,127	8,287	5,596	5,451	11,411	10,914
West Piedmont	83,905	12,253	7,680	8,134	15,094	14,174
Southside	27,835	5,403	3,102	2,850	5,409	4,230
Piedmont	27,390	5,470	3,079	2,826	5,055	4,117
Richmond Regional	227,325	25,075	14,923	16,315	33,903	33,207
RADCO	38,106	3,787	2,614	2,813	5,804	5,751
Northern Neck	15,122	2,637	1,491	1,417	2,780	2,131
Middle Peninsula	21,301	3,224	2,067	1,713	3,677	3,239
Crater	53,126	7,705	4,637	4,776	8,646	8,318
Southeastern Virginia	278,189	37,315	21,234	22,955	47,797	40,590
Peninsula	117,468	13,119	8,615	9,733	19,536	17,901
Accomack-Norhampton	16,967	4,086	2,151	1,886	3,083	2,018

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population. *General Social and Economic Characteristics Virginia*. U.S. Government Printing Office, Washington, D.C., 1983.

NOTES: A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
 A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 12.13B
Household Income Distribution for Virginia's
Counties and Cities: 1979, Continued

	Number of Households by Income Class				Median Income	Mean Income
	\$20,000- \$24,999	\$25,000- \$34,999	\$35,000- \$49,999	\$50,000 or More		
Virginia	232,658	296,696	176,423	97,624	\$17,475	\$21,059
Counties						
Accomack	925	954	515	314	10,873	14,543
Albemarle	2,488	2,799	1,684	1,280	17,808	22,757
Alleghany	695	756	232	128	15,925	17,932
Amelia	385	316	101	58	14,253	16,466
Amherst	1,355	1,511	461	132	16,587	18,432
Appomattox	548	617	227	130	16,324	18,500
Arlington	8,312	12,743	10,662	7,291	21,713	26,359
Augusta	2,181	2,822	1,144	499	16,026	18,675
Bath	141	266	164	47	13,293	16,900
Bedford	1,624	1,723	757	229	16,145	18,009
Bland	241	171	61	19	13,867	14,544
Botetourt	1,244	1,329	642	209	17,142	19,481
Brunswick	481	455	90	76	10,950	13,839
Buchanan	1,557	1,577	501	335	15,446	17,676
Buckingham	347	323	95	76	11,461	14,085
Campbell	1,995	2,546	1,037	368	16,718	19,108
Caroline	638	811	306	108	14,482	16,913
Carroll	1,013	709	219	101	12,088	13,845
Charles City	283	254	151	89	17,120	19,578
Charlotte	456	275	125	52	11,070	13,609
Chesterfield	7,259	11,816	6,956	2,739	23,924	25,920
Clarke	358	522	259	180	16,649	21,282
Craig	213	145	14	15	13,562	14,829
Culpeper	970	1,055	498	277	15,537	18,590
Cumberland	188	220	119	32	11,398	14,094
Dickenson	868	668	198	131	13,532	15,768
Dinwiddie	897	1,030	413	173	16,642	18,853
Essex	340	335	156	96	14,059	17,028
Fairfax	23,229	44,447	47,201	34,052	30,011	33,211
Fauquier	1,556	2,116	1,212	777	19,351	22,696
Floyd	494	327	150	36	12,230	14,235
Fluvanna	375	424	206	49	13,276	16,153
Franklin	1,418	1,555	472	251	14,892	16,895
Frederick	1,668	2,066	685	346	17,110	19,213
Giles	736	639	237	109	13,589	15,883
Gloucester	1,018	1,084	501	165	16,126	18,292
Goochland	575	438	339	274	18,145	23,056
Grayson	478	306	171	90	11,732	14,479
Greene	439	319	91	72	16,293	17,530
Greensville	403	283	140	33	11,655	14,652
Halifax	1,171	887	251	163	12,183	14,498
Hanover	2,479	3,599	2,054	767	21,349	23,500
Henrico	10,195	13,313	6,969	3,236	20,096	22,892
Henry	2,742	2,605	1,006	312	15,891	17,719
Highland	125	133	59	24	13,569	15,820
Isle of Wight	1,109	1,082	450	227	16,862	18,785
James City	971	1,352	820	425	18,706	21,805
King and Queen	225	226	60	58	12,103	16,581
King George	408	666	349	126	18,050	20,282
King William	408	509	209	131	17,471	20,011
Lancaster	414	450	218	179	13,217	17,529
Lee	806	651	189	95	10,436	13,194
Loudoun	2,578	4,337	3,215	1,571	24,434	27,489

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TABLE 12.13B
Household Income Distribution for Virginia's
Counties and Cities: 1979, *CONTINUED*

	Number of Households by Income Class				Median Income	Mean Income
	\$20,000- \$24,999	\$25,000- \$34,999	\$35,000- \$49,999	\$50,000 or More		
Rockbridge	607	783	238	103	13,522	15,755
Louisa	717	651	293	118	13,871	16,196
Lunenburg	427	373	154	71	11,628	14,355
Madison	411	317	116	69	13,272	15,305
Mathews	377	413	209	109	15,051	18,067
Mecklenburg	1,108	949	313	217	12,561	15,101
Middlesex	244	280	148	80	12,171	15,670
Montgomery	2,083	2,418	1,110	457	13,082	16,278
Nelson	483	388	194	106	12,210	15,683
New Kent	507	517	283	55	18,629	19,747
Northampton	418	385	161	71	9,930	12,482
Northumberland	382	445	167	188	13,589	18,305
Nottoway	551	556	209	105	13,426	15,752
Orange	734	738	391	139	13,719	16,560
Page	734	689	199	129	12,646	15,142
Patrick	874	581	143	76	13,015	15,674
Pittsylvania	2,828	2,756	788	441	14,177	16,746
Powhatan	578	738	292	107	19,507	20,896
Prince Edward	591	440	183	105	12,295	15,223
Prince George	879	1,189	465	186	17,453	19,701
Prince William	6,675	12,206	7,759	2,566	25,435	26,849
Pulaski	1,628	1,433	468	214	14,482	16,449
Rappahannock	254	260	127	77	14,583	17,835
Richmond	308	254	120	59	13,946	16,768
Roanoke	3,925	5,454	2,524	1,132	20,458	23,080
Rockbridge	607	783	238	103	13,522	15,755
Rockingham	2,576	2,395	1,046	497	15,505	18,088
Russell	1,359	1,276	522	168	13,787	16,006
Scott	814	887	172	76	10,851	13,236
Shenandoah	1,164	968	478	179	13,483	15,891
Smyth	1,168	911	273	209	12,577	15,243
Southampton	705	728	295	92	13,891	16,579
Spotsylvania	1,779	2,091	913	337	19,222	21,283
Stafford	2,000	2,713	1,604	554	21,667	23,463
Surry	182	228	74	46	13,373	16,618
Sussex	369	380	152	71	12,842	15,584
Tazewell	2,304	2,190	726	430	14,667	17,033
Warren	1,065	1,118	350	155	14,921	16,923
Washington	1,815	1,708	491	487	13,136	16,573
Westmoreland	494	554	254	170	13,361	16,273
Wise	1,987	1,828	716	347	14,810	17,077
Wythe	1,057	816	305	167	13,142	15,803
York	1,469	2,508	1,332	434	20,916	22,914
Cities						
Alexandria	6,485	8,594	6,573	4,419	21,016	25,279
Bedford	252	255	143	32	12,495	15,664
Bristol	747	857	291	227	13,284	16,261
Buena Vista	312	252	39	23	14,321	15,632
Charlottesville	1,644	2,091	767	514	13,942	17,603
Chesapeake	5,482	7,088	3,338	1,082	18,831	20,691
Clifton Forge	227	241	109	29	13,373	16,224
Colonial Heights	916	1,325	724	186	21,078	22,294
Covington	349	462	130	28	13,671	15,555
Danville	1,928	2,243	850	489	13,717	16,868

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TABLE 12.13B
Household Income Distribution for Virginia's
Counties and Cities: 1979, *CONTINUED*

	Number of Households by Income Class				Median Income	Mean Income
	\$20,000- \$24,999	\$25,000- \$34,999	\$35,000- \$49,999	\$50,000 or More		
Emporia	155	185	35	61	12,069	15,498
Fairfax	871	1,442	1,425	722	25,810	28,679
Falls Church	614	806	786	504	24,517	28,642
Franklin	256	271	165	92	13,459	17,072
Fredericksburg	624	663	454	193	14,262	17,727
Galax	261	151	45	70	11,224	16,118
Hampton	5,543	6,767	3,457	1,247	16,971	19,565
Harrisonburg	736	756	374	212	13,884	17,994
Hopewell	1,151	1,381	523	136	16,317	17,505
Lexington	204	201	177	84	12,248	16,912
Lynchburg	2,709	3,077	1,783	957	15,312	18,872
Manassas	715	1,477	820	203	24,703	25,574
Manassas Park	409	416	132	35	20,662	21,121
Martinsville	699	728	515	270	14,527	18,420
Newport News	6,603	8,122	3,424	1,447	15,974	18,722
Norfolk	9,027	9,061	4,293	2,352	12,509	16,072
Norton	211	150	121	46	13,120	16,850
Petersburg	1,716	1,707	789	458	13,434	17,442
Poquoson	370	702	433	156	23,963	25,089
Portsmouth	4,202	4,954	2,111	844	14,185	16,989
Radford	395	487	195	149	14,434	18,621
Richmond	9,004	9,789	5,315	2,932	13,606	17,677
Roanoke	4,189	4,773	1,680	1,268	13,271	16,840
Salem	1,008	1,320	574	355	16,072	20,329
South Boston	202	284	116	78	13,724	16,136
Staunton	1,038	1,203	475	321	15,996	19,089
Suffolk	2,051	2,350	943	404	15,202	18,075
Virginia Beach	12,853	16,905	9,304	4,182	20,203	22,938
Waynesboro	742	795	399	225	16,081	19,770
Williamsburg	251	316	314	101	15,004	19,756
Winchester	852	975	484	333	13,955	18,393
MSAs						
Bristol (Va. portion)	3,376	3,452	954	790	NC	NC
Charlottesville	4,946	5,633	2,748	1,915	NC	NC
Danville	4,756	4,999	1,638	930	NC	NC
Lynchburg	6,059	7,134	3,281	1,457	NC	NC
Norfolk	49,840	61,209	30,270	12,839	NC	NC
Northern Virginia	51,888	89,181	80,177	51,917	NC	NC
Richmond	36,439	47,096	25,273	11,338	NC	NC
Roanoke	10,366	12,876	5,420	2,964	NC	NC
Planning Districts						
LENOWISCO	3,818	3,516	1,198	564	NC	NC
Cumberland Plateau	6,088	5,711	1,947	1,064	NC	NC
Mount Rogers	6,780	5,629	1,856	1,370	NC	NC
New River Valley	5,336	5,304	2,160	965	NC	NC
Fifth	11,850	14,480	5,905	3,164	NC	NC
Central Shenandoah	8,662	9,606	4,115	2,035	NC	NC
Lord Fairfax	5,841	6,338	2,455	1,322	NC	NC
Northern Virginia	49,888	86,468	78,573	51,363	NC	NC
Rappahannock-Rapidan	3,925	4,486	2,344	1,339	NC	NC
Thomas Jefferson	6,146	6,672	3,235	2,139	NC	NC
Central Virginia	8,483	9,729	4,408	1,848	NC	NC
West Piedmont	10,489	10,468	3,774	1,839	NC	NC
Southside	2,962	2,575	770	534	NC	NC

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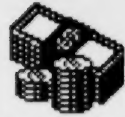


TABLE 12.13B
Household Income Distribution for Virginia's
Counties and Cities: 1979, *CONTINUED*

	Number of Households by Income Class				Median Income	Mean Income
	\$20,000- \$24,999	\$25,000- \$34,999	\$35,000- \$49,999	\$50,000 or More		
Piedmont	2,945	2,503	986	499	NC	NC
Richmond Regional	30,880	40,464	22,359	10,199	NC	NC
RADCO	5,449	6,944	3,626	1,318	NC	NC
Northern Neck	1,598	1,703	759	596	NC	NC
Middle Peninsula	2,612	2,847	1,283	639	NC	NC
Crater	6,668	7,708	3,315	1,350	NC	NC
Southeastern Virginia	35,685	42,439	20,899	9,275	NC	NC
Peninsula	15,207	19,767	9,780	3,810	NC	NC
Accomack-Norhampton	1,343	1,339	676	385	NC	NC

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population. *General Social and Economic Characteristics Virginia*. U.S. Government Printing Office, Washington, D.C., 1983.

NOTES: NC—Not computed.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 12.14
Median Household Income by Age of Household
Head for Virginia's Counties and Cities: 1979

	Age of Household Head					
	15-24	25-34	35-44	45-54	55-64	65 & over
Virginia	\$12,331	\$19,048	\$23,578	\$25,751	\$21,195	\$12,323
Counties						
Accomack	9,722	12,959	17,559	18,078	14,938	9,326
Albemarle	12,130	19,141	24,846	27,257	22,856	13,830
Alleghany	12,500	18,040	21,474	21,649	19,135	10,356
Amelia	13,571	15,405	22,188	21,786	14,015	8,984
Amherst	14,570	19,786	22,076	21,590	16,656	10,308
Appomattox	16,017	18,414	22,045	22,849	18,028	10,885
Arlington	13,852	24,146	29,605	36,520	37,319	26,413
Augusta	12,903	17,298	20,968	23,722	18,180	10,425
Bath	13,304	16,806	18,917	18,333	14,375	11,107
Bedford	13,415	18,603	21,427	20,921	17,159	9,973
Bland	14,224	18,226	18,378	17,524	13,478	8,229
Botetourt	13,924	20,301	22,898	25,152	17,288	9,918
Brunswick	10,919	14,043	15,153	16,016	13,646	9,495
Buchanan	16,170	18,796	18,543	18,533	11,211	9,321
Buckingham	10,795	12,624	16,344	18,136	15,768	8,376
Campbell	14,851	18,609	21,757	23,120	18,750	11,097
Caroline	11,941	16,998	18,840	17,449	18,576	9,369
Carroll	11,373	14,799	17,155	17,555	13,239	7,303
Charles City	14,464	17,770	20,473	22,576	19,615	13,148
Charlotte	11,296	15,779	16,317	13,644	11,658	9,225

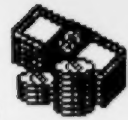
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TABLE 12.14

Median Household Income by Age of Household Head
for Virginia's Counties and Cities: 1979, *CONTINUED*

	Age of Household Head					
	15-24	25-34	35-44	45-54	55-64	65 & over
Chesterfield	17,518	23,874	28,423	30,762	26,408	14,371
Clarke	11,875	19,299	22,123	21,513	18,732	11,357
Craig	12,708	16,981	18,952	16,701	16,875	8,304
Culpeper	12,317	18,271	21,101	22,054	17,197	10,722
Cumberland	8,542	15,417	14,932	15,000	11,033	7,768
Dickenson	13,811	17,959	19,043	16,747	12,516	8,947
Dinwiddie	10,469	18,425	22,594	21,547	18,376	11,368
Essex	11,467	16,780	18,832	19,961	16,546	13,250
Fairfax	16,848	26,640	34,403	41,609	40,040	25,496
Fauquier	12,567	20,550	25,820	26,288	20,681	14,227
Floyd	12,130	16,762	17,137	21,065	14,259	7,266
Fluvanna	13,520	17,417	17,794	17,024	21,250	10,083
Franklin	12,310	16,473	19,735	19,973	16,166	9,745
Frederick	13,165	17,698	22,022	23,356	19,363	10,672
Giles	12,214	15,251	17,320	20,053	15,978	10,437
Gloucester	12,756	17,469	21,368	22,596	19,221	10,132
Goochland	9,511	19,668	24,688	22,356	20,091	12,214
Grayson	12,275	14,645	15,541	16,536	14,763	7,019
Greene	14,500	19,563	18,500	20,313	20,536	8,250
Greensville	10,625	14,561	15,761	19,375	12,432	7,866
Halifax	12,903	16,615	16,875	16,860	12,746	8,055
Hanover	14,572	23,303	26,480	27,867	22,226	14,227
Henrico	15,200	21,547	24,739	27,729	25,639	15,421
Henry	12,833	16,933	19,936	20,762	18,472	10,380
Highland	15,313	17,946	20,368	18,929	12,750	8,807
Isle of Wight	15,642	20,228	21,456	23,784	16,701	11,875
James City	13,866	20,099	25,370	25,285	22,328	17,154
King and Queen	15,074	16,615	16,806	22,010	13,400	8,816
King George	7,500	22,212	24,514	22,727	20,735	11,016
King William	18,693	18,532	23,042	20,844	21,028	13,138
Lancaster	13,125	14,509	19,770	18,914	19,007	12,456
Lee	11,042	15,983	14,848	12,105	11,222	8,582
Loudoun	17,708	24,583	30,303	32,738	26,875	15,208
Louisa	15,038	18,955	18,559	18,237	15,368	9,092
Lunenburg	12,736	14,891	16,395	16,740	15,494	8,787
Madison	15,187	15,933	16,856	16,892	14,076	9,742
Mathews	14,063	18,462	20,781	21,458	21,523	11,731
Mecklenburg	10,708	16,486	16,977	16,448	13,765	9,516
Middlesex	13,077	15,170	17,429	18,777	16,025	9,212
Montgomery	10,347	16,579	21,106	21,635	17,674	11,529
Nelson	10,469	18,859	16,620	16,477	14,788	8,325
New Kent	17,845	22,577	22,308	21,939	19,036	13,558
Northampton	10,156	11,486	12,523	17,439	13,462	9,382
Northumberland	12,679	16,625	18,285	19,212	18,648	11,827
Nottoway	11,154	16,173	16,589	18,304	18,141	10,732
Orange	12,179	15,106	19,706	20,494	17,837	9,833
Page	12,031	14,921	16,671	17,955	15,661	9,629
Patrick	15,096	16,718	18,805	18,151	13,481	8,965
Pittsylvania	13,841	16,538	19,111	20,077	15,609	10,035
Powhatan	13,281	20,303	23,942	24,534	17,841	11,543
Prince Edward	11,250	14,317	20,132	19,754	12,454	9,460
Prince George	11,584	16,664	21,410	26,671	19,053	10,446
Prince William	14,333	23,887	29,739	32,488	27,380	16,787
Pulaski	11,528	16,648	19,074	21,087	15,732	10,605
Rappahannock	16,250	15,786	23,220	18,873	18,594	8,989
Richmond	13,333	20,139	16,830	21,111	17,379	11,397
Roanoke	17,784	21,497	25,334	27,708	22,846	13,248

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**TABLE 12.14**
**Median Household Income by Age of Household Head
for Virginia's Counties and Cities: 1979, *CONTINUED***

	Age of Household Head					
	15-24	25-34	35-44	45-54	55-64	65 & over
Rockbridge	13,860	15,294	18,638	17,317	15,354	9,984
Rockingham	12,121	16,646	20,070	21,844	17,683	11,223
Russell	13,356	18,183	17,939	20,829	12,448	8,761
Scott	10,634	15,297	16,162	15,417	11,335	7,135
Shenandoah	14,155	15,404	18,802	19,486	15,066	9,979
Smyth	11,454	14,429	17,349	16,865	14,737	9,075
Southampton	12,934	17,245	21,618	17,331	16,424	9,167
Spotsylvania	14,621	20,729	24,753	23,979	17,661	11,575
Stafford	13,596	22,263	26,007	28,860	20,854	11,912
Surry	13,000	13,872	17,321	19,129	15,417	9,615
Sussex	11,932	17,109	17,520	19,598	16,082	9,362
Tazewell	13,880	17,767	20,014	19,860	14,591	10,173
Warren	12,987	16,622	20,963	22,006	17,562	11,933
Washington	12,078	16,594	16,810	19,429	13,860	8,802
Westmoreland	12,554	15,584	17,886	17,708	15,946	11,888
Wise	14,129	20,033	19,220	20,560	14,793	9,885
Wythe	11,722	15,483	18,439	19,872	14,909	9,592
York	9,462	17,464	24,422	30,059	26,747	18,433
Cities						
Alexandria	14,659	22,698	26,919	31,399	35,193	23,088
Bedford	10,132	14,632	18,083	24,583	20,882	10,335
Bristol	12,625	16,155	20,978	19,544	14,471	11,303
Buena Vista	13,000	16,192	17,259	18,643	15,705	11,645
Charlottesville	10,369	18,057	23,283	24,178	23,015	14,107
Chesapeake	12,599	19,016	23,803	26,432	20,710	12,753
Clifton Forge	14,464	19,886	18,362	23,994	21,115	11,624
Colonial Heights	13,750	20,938	26,356	28,739	25,920	15,361
Covington	11,518	16,648	17,727	20,227	19,787	11,650
Danville	12,976	17,524	19,658	21,112	18,144	11,531
Emporia	13,235	11,806	21,087	20,625	15,707	10,877
Fairfax	16,944	23,645	31,089	36,044	36,208	19,489
Falls Church	19,875	28,750	31,615	34,494	35,000	25,491
Franklin	10,674	15,479	20,313	25,000	13,594	12,785
Fredericksburg	13,221	16,566	22,601	24,656	18,750	14,285
Galax	10,667	14,025	15,148	14,770	14,719	9,884
Hampton	10,411	16,201	22,359	26,013	21,902	14,052
Harrisonburg	9,974	18,852	23,198	24,115	20,202	13,946
Hopewell	12,431	17,955	21,434	23,873	19,897	12,335
Lexington	10,500	14,181	17,760	26,196	19,146	11,146
Lynchburg	11,354	17,874	22,017	25,115	19,818	12,296
Manassas	16,429	25,714	29,587	32,077	28,774	16,098
Manassas Park	17,574	21,304	22,702	22,813	20,200	12,656
Martinsville	9,688	17,953	19,421	21,131	18,302	12,942
Newport News	10,747	16,367	22,332	25,568	22,185	12,852
Norfolk	8,640	12,672	17,741	21,517	19,693	13,503
Norton	9,663	17,898	20,156	21,667	15,525	10,875
Petersburg	8,260	13,542	18,844	20,335	19,953	12,097
Poquoson	12,202	22,571	27,656	29,049	29,833	11,250
Portsmouth	9,753	16,007	19,807	22,208	17,940	12,296
Radford	7,964	16,831	24,738	25,579	21,611	11,985
Richmond	10,138	15,954	18,282	20,601	19,601	14,277
Roanoke	10,745	16,765	18,106	21,728	19,032	12,162
Salem	14,712	17,976	23,057	25,857	20,938	11,707
South Boston	10,833	16,682	19,122	16,722	18,601	12,206

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TABLE 12.14**Median Household Income by Age of Household Head
for Virginia's Counties and Cities: 1979, *CONTINUED***

	Age of Household Head					
	15-24	25-34	35-44	45-54	55-64	65 & over
Staunton	12,522	19,523	22,431	22,739	21,011	13,881
Suffolk	10,634	17,577	21,830	21,148	18,110	10,373
Virginia Beach	12,523	18,760	23,687	29,488	26,234	16,470
Waynesboro	12,917	16,997	21,977	23,321	21,579	14,505
Williamsburg	12,143	18,750	30,000	32,467	36,056	17,917
Winchester	9,810	17,037	21,087	26,203	19,899	11,871

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population. *General Social and Economic Characteristics, Virginia*. U.S. Government Printing Office, Washington, D.C., 1983.

TABLE 12.15**Projected Median Household Income for
Virginia's Counties and Cities: 1986-1990**

	1990	1989	1988	1987	1986
Virginia	\$33,094	\$31,312	\$29,599	\$28,027	\$26,611
Counties					
Accomack	20,293	19,194	18,150	17,181	16,311
Albemarle	35,230	33,324	31,508	29,833	28,319
Alleghany	30,133	28,493	26,949	25,517	24,227
Amelia	25,600	24,218	22,893	21,682	20,585
Amherst	31,031	29,355	27,747	26,271	24,944
Appomattox	30,096	28,464	26,913	25,477	24,188
Arlington	41,294	39,080	36,930	34,976	33,218
Augusta	29,210	27,624	26,117	24,723	23,474
Bath	23,334	22,070	20,858	19,754	18,755
Bedford	30,478	28,831	27,266	25,813	24,505
Bland	24,548	23,231	21,955	20,790	19,749
Botetourt	31,922	30,191	28,545	27,036	25,665
Brunswick	21,217	20,066	18,969	17,961	17,051
Buchanan	25,327	23,968	22,655	21,450	20,369
Buckingham	20,438	19,336	18,279	17,315	16,442
Campbell	31,112	29,440	27,819	26,348	25,010
Caroline	26,849	25,402	24,012	22,739	21,595
Carroll	22,809	21,576	20,403	19,314	18,335
Charles City	32,665	30,901	29,205	27,663	26,259
Charlotte	19,929	18,853	17,822	16,879	16,025
Chesterfield	46,052	43,564	41,195	38,994	37,033
Clarke	30,151	28,520	26,971	25,540	24,241
Craig	23,962	22,668	21,427	20,291	19,262
Culpeper	29,447	27,847	26,325	24,927	23,669
Cumberland	19,830	18,757	17,728	16,792	15,947
Dickenson	24,475	23,148	21,889	20,725	19,669
Dinwiddie	30,005	28,400	26,844	25,421	24,130
Essex	25,290	23,927	22,619	21,410	20,328
Fairfax	56,771	53,681	50,770	48,070	45,639
Fauquier	28,550	26,462	24,471	22,634	20,991
Floyd	23,252	22,003	20,802	19,700	18,695
Fluvanna	25,395	24,027	22,711	21,502	20,412
Franklin	27,184	25,722	24,318	23,018	21,851

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TABLE 12.15

Projected Median Household Income for Virginia's
Counties and Cities: 1986-1990, *CONTINUED*

	1990	1989	1988	1987	1986
Frederick	32,182	30,454	28,777	27,255	25,869
Giles	25,186	23,827	22,536	21,339	20,252
Gloucester	30,845	29,184	27,588	26,121	24,799
Goochland	35,457	33,532	31,699	30,010	28,503
Grayson	21,910	20,723	19,596	18,550	17,622
Greene	31,190	29,512	27,900	26,418	25,082
Greensville	22,838	21,601	20,421	19,335	18,366
Halifax	23,890	22,598	21,367	20,222	19,210
Hanover	40,070	37,914	35,843	33,943	32,235
Henrico	37,921	35,871	33,922	32,113	30,486
Henry	29,023	27,454	25,949	24,571	23,335
Highland	23,118	21,867	20,670	19,569	18,590
Isle of Wight	32,175	30,438	28,785	27,251	25,868
James City	36,913	34,911	33,003	31,244	29,672
King and Queen	22,166	20,976	19,823	18,767	17,820
King George	33,794	31,970	30,218	28,610	27,165
King William	33,534	31,733	30,003	28,394	26,960
Lancaster	25,001	23,651	22,354	21,163	20,091
Lee	18,937	17,913	16,931	16,033	15,229
Loudoun	48,321	45,707	43,215	40,919	38,842
Louisa	25,774	24,373	23,055	21,821	20,725
Lunenburg	21,186	20,044	18,950	17,936	17,028
Madison	25,826	24,431	23,089	21,867	20,764
Mathews	29,162	27,599	26,082	24,699	23,452
Mecklenburg	23,642	22,360	21,141	20,022	19,004
Middlesex	22,859	21,627	20,444	19,358	18,382
Montgomery	25,198	23,837	22,542	21,338	20,266
Nelson	23,557	22,285	21,074	19,949	18,946
New Kent	36,795	34,801	32,900	31,166	29,582
Northampton	18,798	17,783	16,819	15,924	15,118
Northumberland	24,782	23,436	22,158	20,976	19,915
Nottoway	23,667	22,378	21,155	20,041	19,020
Orange	25,219	23,861	22,557	21,364	20,280
Page	22,987	21,746	20,557	19,468	18,481
Patrick	24,615	23,287	22,011	20,838	19,796
Pittsylvania	26,523	25,092	23,716	22,455	21,321
Powhatan	36,433	34,462	32,569	30,852	29,291
Prince Edward	23,194	21,938	20,744	19,636	18,651
Prince George	32,978	31,197	29,487	27,915	26,501
Prince William	19,543	18,873	18,304	17,839	17,438
Pulaski	28,046	26,526	25,078	23,746	22,544
Rappahannock	27,524	26,039	24,613	23,303	22,124
Richmond	23,905	22,622	21,381	20,237	19,219
Roanoke	38,048	35,982	34,018	32,218	30,582
Rockbridge	24,700	23,361	22,090	20,913	19,858
Rockingham	27,688	26,185	24,758	23,441	22,262
Russell	23,467	22,199	20,985	19,869	18,862
Scott	19,591	18,538	17,528	16,594	15,758
Shenandoah	24,988	23,639	22,345	21,158	20,093
Smyth	22,671	21,451	20,281	19,199	18,230
Southampton	27,435	25,948	24,532	23,226	22,059
Spotsylvania	37,716	35,678	33,736	31,949	30,334
Stafford	41,599	39,345	37,201	35,207	33,431
Surry	22,724	21,504	20,323	19,244	18,278
Sussex	24,339	23,026	21,765	20,606	19,564
Tazewell	24,297	22,977	21,731	20,572	19,531
Warren	27,932	26,426	24,979	23,652	22,459

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TABLE 12.15

Projected Median Household Income for Virginia's
Counties and Cities: 1986-1990, *CONTINUED*

	1990	1989	1988	1987	1986
Washington	23,887	22,599	21,364	20,234	19,209
Westmoreland	25,623	24,233	22,909	21,693	20,597
Wise	26,440	25,004	23,642	22,384	21,259
Wythe	23,280	22,018	20,822	19,718	18,718
York	40,506	38,421	36,308	34,384	32,648
Cities					
Alexandria	39,697	37,554	35,494	33,624	31,922
Bedford	21,756	20,577	19,460	18,419	17,491
Bristol	23,352	22,103	20,893	19,777	18,780
Buena Vista	26,393	24,962	23,602	22,343	21,212
Charlottesville	25,805	24,425	23,086	21,859	20,758
Chesapeake	35,800	33,860	32,014	30,320	28,775
Clifton Forge	23,434	22,162	20,957	19,845	18,841
Colonial Heights	38,764	36,656	34,654	32,820	31,155
Covington	24,413	23,087	21,828	20,666	19,626
Danville	24,759	23,429	22,139	20,973	19,903
Emporia	22,593	21,382	20,209	19,132	18,164
Fairfax	49,193	46,536	44,008	41,661	39,545
Falls Church	45,082	42,656	40,329	38,173	36,261
Franklin	24,962	23,615	22,321	21,136	20,072
Fredericksburg	27,318	25,850	24,438	23,141	21,972
Galax	21,683	20,512	19,387	18,363	17,429
Hampton	31,783	30,369	28,423	26,913	25,555
Harrisonburg	25,271	23,896	22,591	21,397	20,314
Hopewell	29,088	27,522	26,021	24,634	23,394
Lexington	23,376	22,111	20,907	19,790	18,795
Lynchburg	28,214	26,699	25,245	23,897	22,688
Manassas	48,544	45,927	43,409	41,112	39,038
Manassas Park	39,350	37,221	35,196	33,336	31,641
Martinsville	26,615	25,178	23,798	22,535	21,402
Newport News	30,091	28,462	26,913	25,475	24,198
Norfolk	22,990	21,739	20,551	19,462	18,474
Norton	23,069	21,819	20,622	19,529	18,542
Petersburg	24,131	22,828	21,578	20,436	19,402
Poquoson	47,345	44,807	42,340	40,089	38,077
Portsmouth	26,543	25,109	23,747	22,483	21,348
Radford	28,547	27,004	25,532	24,176	22,950
Richmond	25,552	24,164	22,844	21,634	20,545
Roanoke	23,984	22,684	21,451	20,311	19,290
Salem	29,854	28,248	26,705	25,275	24,006
South Boston	24,551	23,219	21,956	20,789	19,745
Staunton	28,210	26,691	25,235	23,892	22,677
Suffolk	28,964	27,398	25,894	24,526	23,280
Virginia Beach	37,903	35,862	33,902	32,104	30,468
Waynesboro	27,667	26,172	24,741	23,439	22,249
Williamsburg	27,995	26,479	25,042	23,709	22,510
Winchester	25,580	24,198	22,872	21,658	20,570
MSAs					
Bristol (Va. portion)	22,478	21,256	20,096	19,035	18,075
Charlottesville	30,503	28,854	27,285	25,826	24,526
Danville	25,737	24,341	23,014	21,785	20,696
Lynchburg	29,760	28,155	26,614	25,202	23,934
Norfolk	30,836	29,176	27,581	26,118	24,803
Northern Virginia	49,749	47,059	44,500	42,123	40,008
Richmond	34,171	32,307	30,551	28,922	27,456
Roanoke	29,686	28,086	26,549	25,143	23,882

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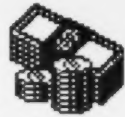


TABLE 12.15
Projected Median Household Income for Virginia's
Counties and Cities: 1986-1990, *CONTINUED*

	1990	1989	1988	1987	1986
Planning Districts					
LENOWISCO	21,924	20,740	19,604	18,567	17,627
Cumberland Plateau	24,458	23,137	21,873	20,711	19,665
Mount Rogers	23,043	21,802	20,612	19,511	18,523
New River Valley	26,074	24,676	23,332	22,083	20,970
Fifth	29,266	27,688	26,173	24,771	23,527
Central Shenandoah	27,351	25,876	24,461	23,153	21,981
Lord Fairfax	27,313	25,838	24,423	23,125	21,960
Northern Virginia	50,067	47,360	44,785	42,393	40,238
Rappahannock-Rapidan	30,836	29,173	27,574	26,102	24,775
Thomas Jefferson	29,338	27,761	26,245	24,851	23,596
Central Virginia	29,655	28,057	26,523	25,117	23,839
West Piedmont	26,825	25,369	23,987	22,706	21,556
Southside	23,338	22,080	20,870	19,770	18,768
Piedmont	21,861	20,673	19,546	18,503	17,569
Richmond Regional	35,216	33,312	31,482	29,818	28,302
RADCO	35,385	33,485	31,658	29,980	28,467
Northern Neck	24,924	23,580	22,290	21,108	20,033
Middle Peninsula	28,267	26,742	25,277	23,917	22,706
Crater	28,353	26,822	25,352	24,006	22,800
Southeastern Virginia	30,149	28,522	26,959	25,525	24,235
Peninsula	32,293	30,554	28,883	27,348	25,967
Accomack-Norhampton	19,734	18,670	17,648	16,710	15,867

SOURCE: Knapp, John L. and Robert W. Cox. *Projections of Virginia Family and Household Income by Locality, 1986 to 1990*, Tayloe Murphy Institute, University of Virginia, Charlottesville, Virginia, 1986.

NOTES: A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
 A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 12.16
Per Capita Money Income for the U.S., Virginia,
and Surrounding States: 1969-1985

	Current Dollars				Constant (1983) Dollars		
	1985	1983	1979	1969	1983	1979	1969
United States	\$10,798	\$9,496	\$7,298	\$3,119	\$9,496	\$10,013	\$8,474
Virginia	11,894	10,136	7,478	2,996	10,136	10,260	8,140
Delaware	11,375	9,963	7,449	3,265	9,963	10,220	8,871
District of Columbia	13,530	11,818	8,960	3,842	11,818	12,293	10,439
Florida	11,271	9,808	7,270	3,058	9,808	9,974	8,309
Georgia	10,191	8,734	6,402	2,640	8,734	8,784	7,173
Kentucky	8,614	7,724	5,978	2,425	7,724	8,202	6,589
Maryland	12,967	11,036	8,293	3,512	11,036	11,378	9,542
North Carolina	9,517	8,189	6,133	2,474	8,189	8,414	6,722
South Carolina	8,890	7,830	5,886	2,303	7,830	8,076	6,257
Tennessee	9,290	8,042	6,213	2,464	8,042	8,524	6,695
West Virginia	8,141	7,320	6,141	2,333	7,320	8,425	6,339

SOURCES: U.S. Department of Commerce, Bureau of the Census. *State and Metropolitan Area Data Book 1986*. U.S. Government Printing Office, Washington, D.C., 1986; U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1988*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In dollars.

TABLE 12.17
Money Income of Persons by Sex, Virginia: 1979

		Persons With Income					
	Total Population	Total	\$5,999 or Less	\$6,000 to \$14,999	\$15,000 to \$49,999	\$50,000 or More	Median
Males, 15+	2,015,308	1,865,394	491,751	649,154	677,218	47,271	\$11,721
15-19	259,031	158,827	138,454	18,715	1,459	199	1,963
20-24	272,040	256,432	103,217	131,377	21,395	443	6,848
25-29	235,434	227,723	37,228	116,610	72,662	1,223	11,777
30-34	224,983	220,199	22,852	80,874	113,490	2,983	15,489
35-39	182,406	179,134	15,367	52,940	105,118	5,709	17,677
40-44	147,016	144,344	13,772	37,735	87,017	5,820	18,635
45-49	132,337	130,012	14,006	33,900	75,328	6,778	18,538
50-54	132,713	130,347	17,184	35,305	70,119	7,739	17,608
55-59	125,988	123,117	20,042	37,484	58,386	7,205	15,830
60-64	104,697	102,475	22,837	36,010	38,682	4,946	12,560
65+	197,863	192,784	86,792	68,204	33,742	4,226	6,743
Females 15+	2,153,661	1,665,278	877,788	615,152	167,231	5,107	5,562
15-19	246,231	131,736	121,810	8,962	887	77	1,548
20-24	257,985	221,051	126,745	89,299	4,665	342	5,068
25-29	239,714	198,795	70,695	107,987	19,735	378	7,998
30-34	231,224	179,532	67,013	83,705	28,820	434	8,129
35-39	184,807	139,895	55,660	61,362	22,419	454	7,604
40-44	148,695	113,588	46,155	49,844	17,022	567	7,351

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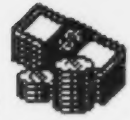


TABLE 12.17
Money Income of Persons by Sex, Virginia: 1979, *CONTINUED*

	Total Population	Persons With Income					Median
		Total	\$5,999 or Less	\$6,000 to \$14,999	\$15,000 to \$49,999	\$50,000 or More	
45-49	139,348	103,258	42,209	44,445	16,134	470	7,296
50-54	140,882	101,307	43,067	42,195	15,604	441	7,085
55-59	140,469	99,204	46,309	37,552	15,042	571	6,535
60-64	118,710	94,390	54,625	28,799	10,542	424	4,816
65+	305,596	282,522	203,770	61,002	16,801	949	3,564

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population. *Detailed Population Characteristics Virginia*. U.S. Government Printing Office, Washington, D.C., 1983.

TABLE 12.18
Per Capita Income Estimates for Towns, Virginia: 1979-1985

County/Town	Per Capita Income			
	1985	1983	1981	1979
Accomack County				
Accomac	\$11,542	\$9,671	\$8,470	\$6,953
Beile Haven (part)	10,624	8,340	7,679	6,429
Bloxom	10,289	8,281	8,027	6,976
Chincoteague	9,200	7,959	7,137	5,679
Hallwood	9,488	7,974	7,331	6,099
Keller	7,038	5,930	5,436	4,467
Melfa	8,908	7,172	6,172	5,121
Onancock	10,750	9,166	8,323	7,120
Onley	10,854	9,098	9,102	7,513
Painter	7,572	6,029	5,569	4,333
Parksley	9,449	7,527	6,991	6,074
Saxis	5,569	4,992	4,834	4,046
Tangier	5,913	5,279	4,974	4,288
Wachapreague	10,360	8,280	7,260	6,259
Albemarle County				
Scottsville (part)	10,147	8,378	7,406	6,133
Alleghany County				
Iron Gate	6,577	5,638	5,241	4,218
Amherst County				
Amherst	10,730	9,122	8,339	6,852
Appomattox County				
Appomattox	9,332	8,295	7,745	6,852
Pamplin City (part)	7,610	6,762	6,185	5,144
Augusta County				
Craigsville	8,313	7,215	6,593	5,520
Grotoes (part)	9,208	8,025	7,395	6,359
Botetourt County				
Buchanan	8,485	7,516	6,979	5,818
Fincastle	10,027	8,913	8,617	7,179
Troutville	9,786	8,666	8,062	6,745
Brunswick County				
Alberta	8,642	6,862	6,693	6,182
Brodnax (part)	7,518	6,351	5,842	5,144
Lawrenceville	6,925	5,942	5,260	4,583
Buchanan County				
Grundy	13,461	10,608	12,575	10,849
Buckingham County				
Dillwyn	8,386	7,137	6,411	5,855

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TABLE 12.18

Per Capita Income Estimates for Towns, Virginia: 1979-1985, *CONTINUED*

County/Town	Per Capita Income			
	1985	1983	1981	1979
Campbell County				
Altavista	10,728	8,810	8,074	6,718
Brookneal	9,732	8,166	7,580	6,363
Caroline County				
Bowling Green	11,659	10,150	9,162	7,727
Port Royal	12,161	10,075	9,274	7,914
Carroll County				
Hillsville	9,936	8,038	7,443	6,522
Charlotte County				
Charlotte Court House	8,971	8,292	6,901	5,710
Drakes Branch	8,464	6,759	6,210	5,257
Keysville	10,263	8,497	7,814	6,515
Phenix	8,396	7,194	6,383	5,371
Clarke County				
Berryville	13,957	10,960	9,967	8,920
Boyce	8,329	7,206	7,296	5,915
Craig County				
New Castle	10,104	8,578	7,933	6,366
Culpeper County				
Culpeper	10,961	9,441	8,354	7,037
Cumberland County				
Farmville (part)	8,917	7,205	6,621	5,702
Dickenson County				
Clintwood	9,498	8,547	8,400	6,866
Haysi	7,680	6,906	7,500	5,687
Dinwiddie County				
McKenney	10,828	9,293	8,368	6,758
Essex County				
Tappahannock	10,791	9,961	8,818	7,030
Fairfax County				
Clifton	18,495	16,032	14,055	11,328
Herrndon	14,898	12,961	11,415	9,335
Occoquan (part)	...	...	...	...
Vienna	18,113	15,392	13,521	11,080
Fauquier County				
Remington	11,331	9,908	7,906	6,453
The Plains	8,453	8,010	6,341	5,214
Warrenton	12,245	10,693	9,205	7,569
Floyd County				
Floyd	11,160	9,061	7,648	6,814
Fluvanna County				
Columbia	6,014	5,062	4,520	3,622
Scottsville (part)	8,876	7,486	6,674	5,446
Franklin County				
Boones Mill	10,650	9,175	7,864	6,452
Rocky Mount	9,065	7,833	7,039	6,082
Frederick County				
Middletown	9,585	8,208	7,223	6,333
Stephens City	8,668	7,617	6,855	5,754
Giles County				
Glen Lyn	7,451	6,638	5,888	4,910
Narrows	9,685	8,698	7,752	6,269
Pearisburg	10,864	9,613	8,575	7,257
Pembroke	8,625	7,517	6,555	5,389
Rich Creek	7,680	7,028	6,346	5,374
Grayson County				
Fries	7,350	6,548	5,805	4,886
Independance	8,495	7,095	6,451	5,378
Troutdale	7,467	6,581	5,839	4,874
Greene County				
Stanardsville	9,225	8,253	7,258	5,825
Greensville County				
Jarratt (part)	10,424	8,455	7,521	6,333

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TABLE 12.18
Per Capita Income Estimates for Towns, Virginia: 1979–1985, *CONTINUED*

County/Town	Per Capita Income			
	1985	1983	1981	1979
Halifax County				
Clover	6,904	5,571	5,329	4,244
Halifax	13,188	11,090	10,614	8,474
Scottsburg	8,199	6,534	6,360	5,116
Virgilina	10,514	8,495	8,111	6,452
Hanover County				
Ashland	9,830	8,744	7,864	6,516
Henry County				
Ridgeway	7,500	6,880	6,566	5,424
Highland County				
Monterey	9,156	8,741	7,045	7,358
Isle of Wight County				
Smithfield	11,551	9,710	8,541	7,173
Windsor	10,701	9,191	8,108	6,734
King William County				
West Point	11,618	9,403	8,747	7,398
Lancaster County				
Irvington	15,538	12,686	11,539	9,900
Kilmarnock (part)	11,111	9,496	9,139	7,568
White Stone	8,515	7,502	6,941	5,764
Lee County				
Jonesville	8,364	7,226	6,789	7,125
Pennington Gap	7,716	6,580	6,164	5,629
St. Charles	4,202	3,690	3,376	3,029
Loudoun County				
Hamilton	12,652	10,606	9,337	8,044
Hillsboro	13,021	10,918	9,663	8,217
Leesburg	12,976	11,119	9,764	8,106
Lovettsville	10,428	8,742	7,787	6,449
Middleburg	12,384	9,680	9,199	8,510
Purcellville	13,200	11,141	9,780	8,150
Round Hill	11,667	10,584	9,756	7,801
Louisa County				
Louisa	11,078	9,018	8,147	7,097
Mineral	9,996	8,518	7,598	6,511
Lunenburg County				
Kenbridge	8,233	7,109	6,638	5,636
Victoria	9,184	7,728	7,196	6,316
Madison County				
Madison	11,744	9,936	9,030	7,183
Mecklenburg County				
Boynton	10,239	8,816	8,262	6,466
Brodnax (part)	7,992	6,718	6,401	5,266
Chase City	8,091	7,141	6,819	5,792
Clarksville	9,879	8,152	7,495	6,191
La Croese	7,057	6,525	5,949	5,111
South Hill	9,429	7,821	7,367	6,158
Middlesex County				
Urbanna	11,421	9,767	9,364	7,938
Montgomery County				
Blacksburg	8,219	6,913	6,126	5,158
Christiansburg	9,962	8,360	7,434	6,250
Northampton County				
Belle Haven (part)	9,983	8,396	7,916	6,839
Cape Charles	7,275	6,439	5,980	5,055
Cheriton	6,771	5,439	5,271	4,670
Eastville	10,552	8,899	8,334	7,103
Exmore	7,598	6,476	5,921	4,785
Nassawadox	9,269	7,798	7,346	6,337
Northumberland County				
Kilmarnock (part)	10,382	9,316	8,412	7,075

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TABLE 12.18

Per Capita Income Estimates for Towns, Virginia: 1979-1985, *CONTINUED*

County/Town	Per Capita Income			
	1985	1983	1981	1979
Nottoway County				
Blackstone	7,842	6,957	6,454	5,400
Burkeville	6,289	5,800	5,453	4,526
Crewe	10,867	9,092	8,283	6,746
Orange County				
Gordonsville	8,814	7,787	7,186	5,858
Orange	8,714	7,951	7,177	5,920
Page County				
Luray	9,355	7,992	7,275	6,068
Shenandoah	8,430	7,312	6,621	5,397
Stanley	7,635	6,488	6,121	5,186
Partick County				
Stuart	10,916	8,797	7,916	7,165
Pittsylvania County				
Chatham	10,488	8,602	8,212	6,890
Gretna	7,817	6,663	6,535	5,375
Hurt	9,195	7,644	7,322	6,174
Prince Edward County				
Farmville (part)	7,925	6,636	6,059	5,118
Pamplin City (part)	7,470	6,231	5,732	4,797
Prince William County				
Dumfries	10,642	9,665	8,487	6,988
Haymarket	11,647	10,261	9,034	7,354
Occoquan (part)	18,461	16,900	13,866	11,723
Quantico	8,547	7,607	6,473	5,261
Pulaski County				
Dublin	9,578	7,935	6,826	5,964
Pulaski	9,036	7,663	6,663	5,744
Rappahannock County				
Washington	9,563	8,215	7,399	6,034
Richmond County				
Warsaw	11,919	9,789	9,321	7,770
Roanoke County				
Vinton	10,437	8,869	8,055	6,709
Rockbridge County				
Glasgow	8,644	7,229	6,595	5,646
Goshen	8,298	6,963	6,338	5,387
Rockingham County				
Bridgewater	8,923	7,725	7,053	5,862
Broadway	10,454	8,421	7,680	6,397
Dayton	10,075	8,711	7,994	6,770
Elkton	9,853	9,126	7,990	6,542
Grottoes (part)	8,817	7,643	6,982	5,882
Mount Crawford	7,707	6,669	6,111	5,168
Timberville	8,300	7,189	6,506	5,859
Russell County				
Cleveland	6,801	6,107	6,359	5,132
Honaker	6,329	5,693	5,918	5,177
Lebanon	9,807	8,297	8,528	7,314
St. Paul (part)	7,548	6,736	7,153	6,142
Scott County				
Clinchport	7,051	6,013	5,616	4,649
Duffield	8,389	7,306	6,550	5,604
Dungannon	6,883	6,007	5,365	4,541
Gate City	8,842	7,789	7,073	6,029
Nickelsville	6,693	6,259	5,369	4,499
Weber City	9,693	8,439	7,570	6,485
Shenandoah County				
Edinburg	7,209	6,078	5,529	4,595
Mount Jackson	8,563	6,853	6,758	6,061
New Market	10,123	8,836	8,015	7,051
Strasburg	8,983	7,941	7,358	5,949
Toms Brook	8,029	6,848	6,385	5,422
Woodstock	9,630	8,250	7,639	6,300

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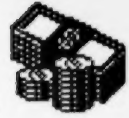


TABLE 12.18
Per Capita Income Estimates for Towns, Virginia: 1979–1985, *CONTINUED*

County/Town	Per Capita Income			
	1985	1983	1981	1979
Smyth County				
Chilhowie	8,743	7,661	7,174	6,206
Marion	9,863	8,765	7,942	6,731
Saltville (part)	7,856	6,441	5,892	4,958
Southampton County				
Boykins	10,343	8,847	8,045	6,337
Branchville	9,891	8,456	7,692	6,229
Capron	7,459	6,388	5,800	4,614
Courtland	10,412	9,165	8,342	7,007
Ivor	8,375	7,587	7,217	5,758
Newsoms	7,739	6,626	6,018	4,799
Surry County				
Claremont	9,487	8,095	7,514	6,100
Dendron	5,832	4,629	4,308	3,744
Surry	12,142	10,292	9,709	8,085
Sussex County				
Jarratt (part)	9,403	8,152	7,756	6,484
Stony Creek	11,063	9,581	9,064	7,321
Wakefield	7,761	7,009	6,565	5,392
Waverly	8,617	7,311	7,032	5,835
Tazewell County				
Bluefield	10,686	8,759	8,605	7,219
Cedar Bluff	9,223	7,366	7,821	6,695
Pocahontas	8,320	6,501	6,916	5,672
Richlands	6,921	5,950	6,591	5,572
Tazewell	9,109	7,683	7,757	6,790
Warren County				
Front Royal	9,436	8,033	7,275	6,235
Washington County				
Abingdon	10,075	8,948	8,352	6,810
Damascus	6,722	6,070	5,507	4,441
Glade Spring	7,196	6,728	6,326	5,136
Saltville (part)	6,093	5,509	5,013	4,081
Westmoreland County				
Colonial Beach	10,154	8,410	7,588	6,194
Montross	13,625	11,175	10,132	8,669
Wise County				
Appalachia	7,102	6,788	6,344	5,503
Big Stone Gap	8,922	7,832	7,194	6,581
Coeburn	8,091	7,091	7,334	5,969
Pound	8,876	7,755	8,563	7,088
St. Paul (part)	9,062	8,755	8,891	7,520
Wise	10,471	9,164	8,932	7,833
Wythe County				
Rural Retreat	9,082	7,335	6,885	5,590
Wytheville	9,924	8,461	7,955	6,685
MULTI-COUNTY PLACES				
Belle Haven	10,490	8,351	7,726	6,517
Brodnax	7,816	6,641	5,944	5,165
Farmville	7,985	6,672	6,092	5,155
Grotoes	8,882	7,704	6,984	5,885
Jarratt	10,173	8,381	7,579	6,374
Kilmarnock	11,481	9,867	9,101	7,540

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TABLE 12.18
Per Capita Income Estimates for Towns, Virginia: 1979–1985, *CONTINUED*

County/Town	Per Capita Income			
	1985	1983	1981	1979
Occoquan	18,461	16,900	13,866	11,723
Pamplin City	7,618	6,711	6,119	5,101
St. Paul	8,845	8,441	8,614	7,282
Saltville	7,645	6,330	5,778	4,846
Scottsville	9,821	8,112	7,321	6,064

SOURCES: U.S. Department of Commerce, Bureau of the Census, Current Population Reports Series P-26. *Virginia: 1982 Population Estimates and 1981 Per Capita Income Estimates for Counties and Incorporated Places*. U.S. Government Printing Office, Washington, D.C., 1984; U.S. Department of Commerce, Bureau of the Census, Current Population Reports Series P-26. *South: 1984 Population and 1983 Per Capita Income Estimates for Counties and Incorporated Places*. U.S. Government Printing Office, Washington, D.C., 1986; U.S. Department of Commerce, Bureau of the Census, Current Population Reports Series P-26. *South: 1986 Population and 1985 Per Capita Income Estimates for Counties and Incorporated Places*. U.S. Government Printing Office, Washington D.C., 1988.

NOTES: In dollars.
 Data for 1979 from the decennial census. Data for 1981-85 are estimates.

TABLE 12.19
Weighted Average Poverty Thresholds for the U.S.: 1969–1987

Size of Family Unit	Thresholds				
	1987	1986	1985	1979	1969
One person (unrelated individual)	\$5,778	\$5,572	\$5,469	\$3,686	\$1,834
15 to 64 years	5,909	5,701	5,593	3,774	1,888
65 years and over	5,447	5,255	5,156	3,479	1,749
Two persons	7,397	7,138	6,998	4,723	2,364
Householder 15 to 64	7,641	7,372	7,231	4,876	2,441
Householder 65 and over	6,872	6,630	6,503	4,389	2,194
Three persons	9,056	8,737	8,573	5,787	2,905
Four persons	11,611	11,203	10,989	7,412	3,721
Five persons	13,737	13,259	13,007	8,776	4,386
Six persons	15,509	14,986	14,696	9,195	4,921
Seven persons	17,649	17,049	16,656	11,237	6,034 ^a
Eight persons	19,515	18,791	18,512	12,484	NC
Nine or more persons	23,105	22,497	22,083	14,812	NC

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Report Series P-60. *Consumer Income*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: 1979 data used to determine poverty in the 1980 decennial census.
 1969 data used to determine poverty in the 1970 decennial census.
^aPoverty threshold for seven or more persons.
 NC—Not computed.



TABLE 12.20
Population Below Poverty Level for the U.S., Virginia,
and Surrounding States: 1969 and 1979

	1979			1969		
	Persons	Families	Related Children Under 18 years	Persons	Families	Related Children Under 18 years
United States	27,393	5,670	10,026	27,175	5,462	10,397
Virginia	611	129	216	691	143	283
Delaware	68	14	25	58	11	24
District of Columbia	113	21	38	123	21	51
Florida	1,287	268	427	1,088	229	399
Georgia	884	189	342	924	192	391
Kentucky	626	144	230	718	159	274
Maryland	405	82	143	387	75	157
North Carolina	840	183	299	996	211	409
South Carolina	500	106	195	595	119	271
Tennessee	736	164	263	836	186	323
West Virginia	287	62	102	380	82	140

SOURCE: U.S. Department of Commerce, Bureau of the Census. *State and Metropolitan Area Data Book 1986*. U.S. Government Printing Office, Washington, D.C., 1986.

NOTE: In thousands.

TABLE 12.21
Percent of Population Below Poverty Level for the U.S.,
Virginia, and Surrounding States: 1969 and 1979

	1979			1969		
	Persons	Families	Related Children Under 18 years	Persons	Families	Related Children Under 18 years
United States	12.4%	9.6%	16.0%	13.3%	10.7%	15.1%
Virginia	11.8	9.2	14.9	14.9	12.3	18.0
Delaware	11.9	8.9	15.6	10.6	8.2	12.3
District of Columbia	18.6	15.1	27.0	16.3	12.7	23.1
Florida	13.5	9.9	18.5	16.0	12.7	19.2
Georgia	16.6	13.2	21.1	20.1	16.7	24.1
Kentucky	17.6	14.6	21.6	22.3	19.2	24.9
Maryland	9.8	7.5	12.5	9.9	7.7	11.5
North Carolina	14.8	11.6	18.3	19.6	16.3	23.6
South Carolina	16.6	13.1	21.0	23.0	19.0	28.7
Tennessee	16.5	13.1	20.6	21.3	18.2	24.6
West Virginia	15.0	11.7	18.5	21.8	18.0	24.3

SOURCE: U.S. Department of Commerce, Bureau of the Census. *State and Metropolitan Area Data Book 1986*. U.S. Government Printing Office, Washington, D.C., 1986.

TABLE 12.22
Families, Unrelated Individuals, and Persons Below
Poverty Level for Virginia's Counties and Cities: 1979

	Families		Unrelated Individuals		Persons	
	Number Below Poverty	Percent of all Families	Number Below Poverty	Percent of all Unrelated Individuals	Number Below Poverty	Percent of all Persons
Virginia	128,974	9.2%	150,768	24.8%	611,310	11.8%
Counties						
Accomack	1,347	15.8	1,491	41.9	6,512	21.1
Albemarle	945	7.1	1,914	24.0	5,005	9.8
Alleghany	319	8.0	298	31.6	1,415	10.0
Amelia	207	9.3	394	46.4	1,017	12.2
Amherst	552	7.5	547	28.4	2,649	10.0
Appomattox	252	7.5	363	40.7	1,210	10.2
Arlington	1,656	4.6	5,461	11.8	11,022	7.4
Augusta	1,075	7.3	1,242	31.8	5,168	10.0
Bath	145	9.6	225	28.4	726	12.7
Bedford	711	7.2	810	32.1	3,207	9.3
Bland	194	11.2	141	36.2	747	12.6
Botetourt	448	6.7	416	28.2	1,765	7.7
Brunswick	773	19.6	458	36.3	3,675	24.3
Buchanan	1,640	15.9	653	38.0	7,051	18.8
Buckingham	492	16.4	467	45.6	2,324	19.8
Campbell	908	7.3	929	30.3	4,315	9.5
Caroline	628	13.6	370	28.5	2,951	16.7
Carroll	1,105	13.7	881	48.3	4,349	16.1
Charles City	189	11.7	104	23.1	847	12.8
Charlotte	653	20.3	430	45.2	3,077	25.3
Chesterfield	1,488	3.8	1,280	14.0	6,376	4.6
Clarke	190	7.2	329	30.0	944	9.8
Craig	92	8.0	119	33.9	403	10.2
Culpeper	708	11.7	651	33.2	3,416	15.4
Cumberland	409	19.8	344	50.3	1,939	24.7
Dickenson	874	15.8	394	37.7	3,464	17.5
Dinwiddie	631	11.7	426	34.0	2,746	13.5
Essex	274	11.9	329	37.2	1,395	16.0
Fairfax	4,830	3.0	6,475	9.9	23,092	3.9
Fauquier	781	8.1	836	27.0	3,766	10.6
Floyd	419	12.5	546	52.9	1,757	15.4
Fluvanna	380	13.6	264	34.4	1,923	19.0
Franklin	783	8.0	804	34.5	3,523	10.3
Frederick	763	7.9	757	31.1	3,335	9.8
Giles	512	10.1	419	30.3	2,225	12.5
Gloucester	547	9.5	509	30.8	2,316	11.6
Goochland	335	11.0	236	29.4	1,510	13.6
Grayson	558	11.4	544	45.0	2,294	14.0
Greene	198	9.4	249	45.9	924	12.2
Greensville	454	16.2	415	54.3	2,459	22.7
Halifax	1,293	15.5	869	41.7	5,828	19.2
Hanover	825	6.0	1,031	31.0	3,867	7.9
Henrico	2,440	4.8	3,232	15.3	11,168	6.3
Henry	1,309	8.0	987	26.9	5,603	9.8
Highland	99	11.5	128	43.4	442	15.1
Isle of Wight	675	11.7	496	32.6	3,071	14.4
James City	458	7.9	692	27.5	2,426	11.3
King and Queen	211	12.7	243	51.8	1,066	17.9
King George	332	12.2	265	29.5	1,419	13.6
King William	257	10.3	188	27.1	1,228	13.2
Lancaster	378	12.9	372	36.2	1,598	16.1
Lee	1,533	21.3	938	51.5	6,683	25.9

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TABLE 12.22
Families, Unrelated Individuals, and Persons Below Poverty Level
for Virginia's Counties and Cities: 1979, *CONTINUED*

	Families		Unrelated Individuals		Persons	
	Number Below Poverty	Percent of all Families	Number Below Poverty	Percent of all Unrelated Individuals	Number Below Poverty	Percent of all Persons
Loudoun	750	4.9	868	18.1	3,746	6.6
Louisa	606	12.5	557	37.5	2,853	16.1
Lunenburg	481	14.5	442	40.6	2,246	18.6
Madison	381	13.5	351	42.2	1,746	17.2
Mathews	128	5.5	247	28.0	709	9.0
Mecklenburg	1,341	16.8	1,029	42.3	5,971	20.7
Middlesex	247	11.6	319	40.0	1,283	17.0
Montgomery	1,157	8.7	7,277	53.5	10,858	19.7
Nelson	481	14.6	425	40.4	2,252	18.6
New Kent	191	7.6	166	28.3	809	9.3
Northampton	806	20.9	852	47.8	3,884	26.7
Northumberland	226	7.8	313	31.6	1,140	11.6
Nottoway	501	13.3	555	37.8	2,538	18.0
Orange	569	11.5	574	34.8	2,694	15.1
Page	611	11.3	595	36.1	2,868	14.9
Patrick	554	10.9	474	41.1	2,292	13.1
Pittsylvania	2,204	11.9	1,658	37.2	9,908	15.1
Powhatan	237	7.7	310	42.9	1,222	10.8
Prince Edward	654	17.8	545	36.1	2,975	21.5
Prince George	469	8.1	300	28.3	2,020	9.5
Prince William	1,551	4.1	1,583	16.5	6,992	4.9
Pulaski	850	8.5	931	33.6	3,845	11.0
Rappahannock	182	11.0	268	42.7	869	14.3
Richmond	220	11.8	264	44.1	1,061	15.4
Roanoke	867	4.2	1,178	20.8	4,121	5.8
Rockbridge	586	11.6	652	41.2	2,617	14.7
Rockingham	1,190	7.7	1,790	36.5	5,912	10.7
Russell	1,212	13.5	614	36.3	4,684	14.8
Scott	1,423	19.6	739	46.4	5,545	22.2
Shenandoah	724	9.4	887	33.3	3,343	12.3
Smyth	1,000	10.7	905	38.5	4,459	13.7
Southampton	902	19.1	573	46.4	4,084	23.2
Spotsylvania	738	8.0	494	22.8	3,384	9.9
Stafford	527	4.9	481	23.5	2,556	6.6
Surry	253	17.0	238	41.4	1,351	22.5
Sussex	446	15.7	357	39.4	2,151	19.9
Tazewell	1,731	12.2	1,106	34.9	7,130	14.3
Warren	488	8.1	713	31.2	2,252	10.7
Washington	1,593	12.2	1,260	41.4	6,855	15.1
Westmoreland	522	13.4	592	42.5	2,625	18.8
Wise	1,493	12.5	1,053	33.2	6,658	15.4
Wythe	767	10.7	700	35.5	3,487	13.8
York	472	5.0	429	21.5	2,275	6.6
Cities						
Alexandria	1,651	6.8	3,357	10.2	9,183	9.0
Bedford	199	12.2	201	25.3	844	15.2
Bristol	660	12.6	835	37.0	2,965	16.1
Buena Vista	117	6.4	217	40.1	587	9.0
Charlottesville	646	7.5	5,808	46.8	8,119	21.0
Chesapeake	2,864	9.2	2,098	28.1	12,589	11.2
Clifton Forge	138	10.6	163	26.4	747	15.5
Colonial Heights	177	3.7	216	16.6	697	4.3
Covington	232	9.0	298	27.2	1,121	12.4
Danville	1,258	9.9	1,803	32.3	6,156	13.8

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TABLE 12.22
Families, Unrelated Individuals, and Persons Below Poverty Level
for Virginia's Counties and Cities: 1979, *CONTINUED*

	Families		Unrelated Individuals		Persons	
	Number Below Poverty	Percent of all Families	Number Below Poverty	Percent of all Unrelated Individuals	Number Below Poverty	Percent of all Persons
Emporia	177	13.9	193	31.5	807	17.2
Fairfax	172	3.4	348	12.8	922	4.9
Falls Church	70	2.7	196	9.4	400	4.2
Franklin	367	18.6	238	35.8	1,600	22.1
Fredericksburg	284	8.1	698	23.8	1,605	11.8
Galax	220	11.3	265	32.3	992	15.4
Hampton	3,290	10.2	2,564	20.3	13,725	11.7
Harrisonburg	254	6.8	1,541	44.8	2,407	16.4
Hopewell	699	10.6	669	27.4	2,863	12.5
Lexington	146	10.9	434	39.7	955	18.5
Lynchburg	1,640	9.6	2,420	27.4	8,150	13.1
Manassas	247	6.1	220	15.0	1,148	7.7
Manassas Park	124	7.5	81	23.1	526	8.1
Martinsville	519	10.4	597	31.1	2,343	13.3
Newport News	4,287	11.1	4,176	23.5	18,927	13.5
Norfolk	10,305	16.8	11,304	30.4	48,132	20.7
Norton	181	14.3	140	27.2	894	18.8
Petersburg	1,591	15.1	2,015	33.5	8,220	20.3
Poquoson	92	3.8	80	20.2	442	5.1
Portsmouth	4,415	15.8	3,162	28.0	19,640	19.2
Radford	177	7.1	711	38.6	1,384	14.0
Richmond	7,913	15.0	12,042	26.7	40,228	19.3
Roanoke	3,394	12.4	4,491	27.6	16,140	16.3
Salem	389	6.0	508	19.1	1,678	7.7
South Boston	250	13.2	233	31.1	1,088	15.7
Staunton	394	6.8	710	24.9	2,026	9.9
Suffolk	1,717	13.6	1,387	33.2	8,148	17.3
Virginia Beach	5,189	7.7	3,986	15.6	22,345	8.9
Waynesboro	317	7.2	311	18.3	1,406	9.2
Williamsburg	24	1.7	704	34.6	785	13.2
Winchester	582	11.0	823	25.1	2,871	14.9
MSAs						
Bristol (Va. portion)	3,676	NC	2,834	NC	15,365	NC
Charlottesville	2,169	NC	8,235	NC	15,971	NC
Danville	3,462	NC	3,461	NC	16,064	NC
Lynchburg	3,100	NC	3,896	NC	15,114	NC
Norfolk	33,660	NC	31,091	NC	151,750	NC
Northern Virginia	11,578	NC	19,070	NC	59,587	NC
Richmond	17,185	NC	22,027	NC	82,573	NC
Roanoke	5,098	NC	6,593	NC	23,704	NC
Planning Districts						
LENOWISCO	4,630	NC	2,870	NC	19,780	NC
Cumberland Plateau	5,457	NC	2,767	NC	22,329	NC
Mount Rogers	6,097	NC	5,531	NC	26,148	NC
New River Valley	3,115	NC	9,884	NC	20,069	NC
Fifth	5,879	NC	7,471	NC	27,390	NC
Central Shenandoah	4,323	NC	7,250	NC	22,246	NC
Lord Fairfax	3,358	NC	4,104	NC	15,613	NC
Northern Virginia	11,051	NC	18,589	NC	57,031	NC
Rappahannock-Rapidan	2,621	NC	2,680	NC	12,491	NC
Thomas Jefferson	3,256	NC	9,217	NC	21,076	NC
Central Virginia	4,262	NC	5,270	NC	20,375	NC
West Piedmont	6,627	NC	6,323	NC	29,825	NC

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TABLE 12.22
Families, Unrelated Individuals, and Persons Below Poverty Level
for Virginia's Counties and Cities: 1979, *CONTINUED*

	Families		Unrelated Individuals		Persons	
	Number Below Poverty	Percent of all Families	Number Below Poverty	Percent of all Unrelated Individuals	Number Below Poverty	Percent of all Persons
Southside	3,657	NC	2,589	NC	16,562	NC
Piedmont	3,397	NC	3,177	NC	16,116	NC
Richmond Regional	13,618	NC	18,401	NC	66,027	NC
RADCO	2,509	NC	2,308	NC	11,915	NC
Northern Neck	1,346	NC	1,541	NC	6,424	NC
Middle Peninsula	1,664	NC	1,835	NC	7,997	NC
Crater	4,897	NC	4,829	NC	23,314	NC
Southeastern Virginia	26,434	NC	23,244	NC	119,609	NC
Peninsula	8,623	NC	8,645	NC	38,580	NC
Accomack-Norhampton	2,153	NC	2,343	NC	10,396	NC

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population. *General Social and Economic Characteristics Virginia*. U.S. Government Printing Office, Washington, D.C., 1983.

NOTES: NC—Not computed.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 12.23
Total Gross State Product for the U.S.,
Virginia, and Surrounding States: 1963–1986

	1986	1985	1984	1980	1975	1963
United States ¹	\$4,191.7	\$3,963.3	\$3,707.0	\$2,670.3	\$1,571.4	\$598.8
Virginia	104,155	95,369	87,599	58,634	34,345	11,067
Delaware	11,706	10,966	10,186	7,047	4,655	1,748
District of Columbia	28,791	27,185	25,100	19,029	12,437	4,517
Florida	177,729	164,340	149,554	97,830	52,989	14,443
Georgia	102,922	94,121	86,213	55,503	31,373	10,330
Kentucky	53,135	51,234	49,512	36,828	22,744	8,570
Maryland	76,504	70,580	64,465	44,912	28,578	9,884
North Carolina	100,961	93,821	87,748	58,876	34,939	12,592
South Carolina	44,727	41,832	39,581	27,275	15,514	5,112
Tennessee	72,328	67,560	63,207	45,018	15,514	5,112
West Virginia	24,096	23,541	22,885	19,197	11,781	4,672

SOURCE: U.S. Department of Commerce, Bureau of Economic Analysis, Commerce News. *1987 State Per Capita Personal Income*. U.S. Government Printing Office, Washington, D.C., 1988.

NOTES: In millions of dollars, except U.S., in billions.

¹The gross product level shown for the United States differs from that in the national income and product accounts primarily because it omits the product generated by Federal employees stationed abroad and by U.S. residents who are employed abroad temporarily by private U.S. firms.

TABLE 12.24
Total Gross State Product by Component, Virginia: 1963–1986

Year	Gross State Product	Components			
		Compensation	Pro-prietors' Income	Capital Charges	Indirect Business Taxes
1986	\$104,155	\$65,414	\$7,603	\$23,385	\$7,769
1985	95,369	60,342	6,777	21,052	7,224
1984	87,599	55,177	6,322	19,371	6,720
1983	78,506	50,043	5,136	17,021	6,236
1982	70,375	46,081	4,483	14,764	5,046
1981	65,816	42,636	4,832	13,599	4,750
1980	58,634	38,209	4,294	11,770	4,361
1979	53,415	34,318	4,286	10,771	4,039
1978	48,434	30,651	4,152	9,809	3,822
1977	42,880	27,316	3,386	8,638	3,539
1976	38,359	24,545	3,091	7,410	3,314
1975	34,345	21,993	2,808	6,529	3,016
1974	31,431	20,558	2,613	5,470	2,791
1973	28,566	18,506	2,462	4,966	2,632
1972	25,232	16,235	2,248	4,430	2,319
1967	15,229	9,369	1,584	2,895	1,380
1963	11,067	6,718	1,188	2,197	964

SOURCE: U.S. Department of Commerce, Bureau of Economic Analysis, Commerce News. *1987 State Per Capita Personal Income*. U.S. Government Printing Office, Washington, D.C., 1988.

NOTE: In millions of dollars.

TABLE 12.25
Total Gross State Product by Industrial Sector, Virginia: 1960–1987

	1987	1985	1980	1975	1970	1965	1960
Total	\$119,549.6	\$99,320.4	\$58,837.9	\$34,157.8	\$20,359.4	\$13,088.7	\$9,174.7
Construction	6,806.6	4,996.2	3,174.8	1,869.3	1,100.6	768.3	441.0
Farming	1,026.5	943.5	601.6	584.8	372.3	338.9	325.5
Finance, insurance, & real estate	23,142.2	17,749.9	8,599.4	4,258.6	2,812.1	1,841.5	1,279.8
Federal government	13,651.3	12,964.9	8,106.4	5,235.2	3,745.7	1,929.6	1,341.5
State & local government	8,422.7	6,912.5	4,610.9	2,839.8	1,556.8	804.9	494.8
Manufacturing	18,628.3	16,001.2	10,736.1	6,589.0	3,943.8	3,007.2	2,196.6
Mining	1,190.0	1,626.7	1,621.3	930.2	281.1	142.7	120.6
Services	19,185.4	14,775.3	7,889.9	3,893.7	1,952.4	1,165.0	773.9
Trade	17,174.1	14,359.3	8,724.0	5,224.0	2,956.8	1,953.5	1,355.7
Transportation & public utilities	10,322.5	8,991.0	4,773.6	2,733.1	1,637.9	1,137.2	850.4

SOURCE: Cox, Robert W. and Harold L. York. *Virginia Trends*. "Virginia Annual Gross State Product, 1958–1987." Center for Public Service, University of Virginia. Charlottesville, Virginia, 1989.

NOTES: In current dollars.
In millions of dollars.



Section 13: Labor Force and Employment

The principal topics covered in this section are the size and composition of the labor force, employment by industry, and occupational distribution of workers. Also included are data on the number and type of businesses owned by women and minorities in Virginia and the total number of business establishments by industry type in the state's counties and independent cities.

Current information on employment is compiled by the Bureau of Labor Statistics (U.S. Department of Labor). The BLS monthly report, *Employment and Earnings*, provides two main types of data. Household data, based on survey results from the Census Bureau's Current Population Survey, include information on the employment status of the working population by age, sex, and various other demographic characteristics. Establishment data, based on reports from employers' payroll records, include statistics on employment by detailed industry classification and on average weekly hours and earnings. Most of the data in *Employment and Earnings* are for the entire nation, but the number of employees by major industry group is given for states and selected metropolitan areas. The Bureau of Labor Statistics also publishes historical supplements to *Employment and Earnings* that provide more detailed data for states and areas, such as the employment statistics by detailed industry given here in Table 13.23.

In Virginia, the Virginia Employment Commission publishes several reports on employment and unemployment in the state. *Labor Market Review* is published monthly and gives estimated labor force components (employment, unemployment, and rate of unemployment) for counties and independent cities, including a ranking of localities by unemployment rate. This monthly report also includes estimated employment by industry group for Metropolitan Statistical Areas, as well as hours and earnings of production workers in manufacturing industries. *Trends in Employment, Hours, and Earnings* is an annual compilation of these data for the state and MSAs.

Much of the detailed data on employment in this section comes from the 1980 Census of Population. *General Social and Economic Characteristics* includes labor force status, occupation, and industry group statistics for counties and places with 2,500 or more inhabitants. It also provides separate totals on labor force characteristics for minority groups and females (see Tables 13.14A and B, 13.17, and 13.25A and B).

The Census Bureau is also the source for the information on business establishments presented here. *County Business Patterns*, an annual Census Bureau series on each state, contains county/city data on the number of establishments by type, number of employees, payroll, and size distribution of establishments. Data about the ownership of business establishments (women-owned and minority-owned) are gathered every five years as part of the Economic Censuses. While only state statistics on women-owned establishments are given in this section, the Census Bureau report from the 1982 Economic Censuses does contain additional data for counties with 250

or more women-owned firms.

CONCEPTS

LABOR FORCE

The labor force consists of members of the Armed Forces and the civilian labor force. The military labor force consists of persons 16 years old and over on active duty in the Army, Air Force, Navy, Marine Corps, and Coast Guard. Members of the merchant marine and civilian employees of the Department of Defense are not members of the Armed Forces. Service in a National Guard or reserve unit for short periods of active duty for training does not count as active duty in the Armed Forces.

The civilian labor force consists of all civilians classified as employed and unemployed in accordance with the following Census Bureau definitions.

Employed. The civilian employed include all civilians who worked as paid employees or in their own business during the survey week, or who worked 15 hours or more as an unpaid worker in a family enterprise. Persons temporarily absent from a job because of illness, a strike, etc., are counted as employed.

Unemployed. The unemployed are all civilians who did not work during the survey week, and were actively looking for a job in the prior four weeks. Discouraged workers not actively looking for work are considered to be outside the labor force rather than unemployed.

STANDARD INDUSTRIAL CLASSIFICATION CODES

The *Standard Industrial Classification Manual* prepared by the U.S. Office of Management and Budget defines and groups business establishments in accordance with their principal product or activity. The 1980 edition, which is the basis for the classifications presented here, divides the entire economy into 11 divisions and 99 major industrial groups. These groups (listed with their two-digit codes in Table 13.20) are further divided into specific industries designated with four-digit codes. Readers should consult the *Manual* for complete definitions of the groups and particular industries.



Figure 13.1
Labor Force Unemployment Rate: 1988

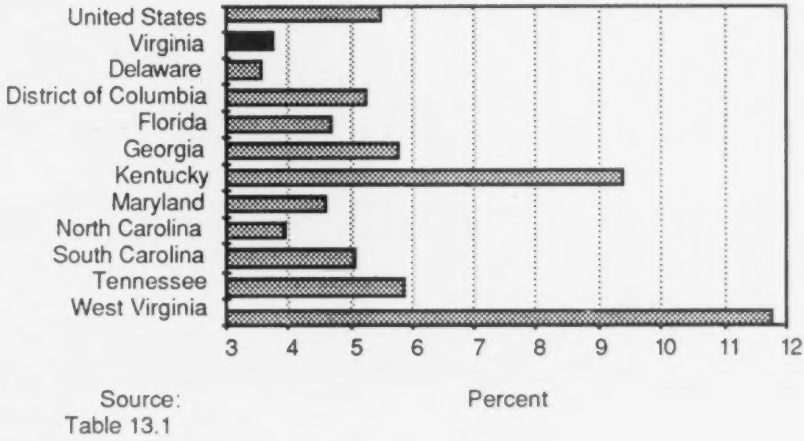


Figure 13.2
Highest and Lowest Unemployment Rates for Virginia Localities: 1988

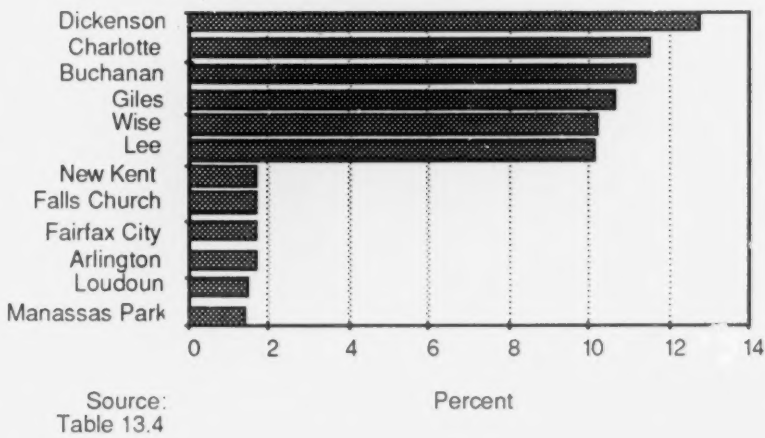


TABLE 13.1
Labor Force Status for the U.S., Virginia,
and Surrounding States: 1987 and 1988

	Civilian Labor Force		Unemployed			
			Number		Percent of Labor Force	
	1988	1987	1988	1987	1988	1987
United States ¹	114,103	111,455	6,801	7,791	5.5%	6.4%
Virginia	3,038.4	2,951.2	114.4	135.9	3.8	4.6
Delaware	337.4	321.0	12.1	11.2	3.6	3.5
District of Columbia	330.3	327.0	17.6	23.0	5.3	7.0
Florida	6,045.2	5,810.1	286.8	312.4	4.7	5.4
Georgia	3,066.9	3,012.5	178.7	179.4	5.8	6.0
Kentucky	1,699.4	1,676.2	160.1	171.1	9.4	10.2
Maryland	2,405.1	2,383.6	111.3	110.9	4.6	4.7
North Carolina	3,265.0	3,218.8	129.1	158.8	4.0	4.9
South Carolina	1,639.7	1,605.2	83.5	98.1	5.1	6.1
Tennessee	2,375.4	2,301.6	139.0	171.1	5.9	7.4
West Virginia	748.2	752.7	88.3	98.4	11.8	13.1

SOURCES: U.S. Department of Labor, Bureau of Labor Statistics. *Employment and Earnings, April, and May 1988*. U.S. Government Printing Office, Washington, D.C., monthly.

NOTES: Data are for March.
 Data for the U.S. are seasonally adjusted, data for states are not.
¹In thousands.

TABLE 13.2
Civilian Labor Force and Unemployment Rate for the
U.S., Virginia, and Surrounding States: 1980-1987

	Civilian Labor Force				Unemployment Rate			
	1987	1986	1985	1980	1987	1986	1985	1980
United States	119,865	117,834	115,461	106,940	6.2%	7.0%	7.2%	7.1%
Virginia	2,989	2,885	2,872	2,561	4.2	5.0	5.6	5.0
Delaware	331	325	315	284	3.2	4.3	5.3	7.7
District of Columbia	333	328	322	329	6.3	7.7	8.4	17.3
Florida	5,870	5,588	5,338	4,271	5.3	5.7	6.0	5.9
Georgia	3,053	3,014	2,865	2,543	5.5	5.9	6.5	6.4
Kentucky	1,686	1,690	1,695	1,664	8.8	9.3	9.5	18.0
Maryland	2,402	2,358	2,253	2,154	4.2	4.5	4.6	6.5
North Carolina	3,276	3,194	3,106	2,859	5.6	5.3	5.4	6.6
South Carolina	1,632	1,602	1,563	1,390	5.5	6.2	6.8	16.9
Tennessee	2,336	2,301	2,245	2,084	6.6	8.0	8.0	17.3
West Virginia	749	743	765	790	10.8	11.8	13.0	19.4

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: For civilian noninstitutional population, 16 years old and over.
 "Civilian Labor Force" in thousands.
 "Unemployment Rate" is equal to the percent unemployed of the civilian labor force.



TABLE 13.3
Civilian Labor Force by Race for the U.S.,
Virginia, and Surrounding States: 1986 and 1987

	1987			1986		
	Total	White	Black	Total	White	Black
United States	119,865	103,290	12,993	117,834	101,801	12,654
Virginia	2,989	2,319	607	2,885	2,275	556
Delaware	331	280	45	325	272	48
District of Columbia	333	110	214	328	104	216
Florida	5,870	4,975	824	5,588	4,677	840
Georgia	3,053	2,142	885	3,014	2,136	853
Kentucky	1,686	1,569	111	1,690	1,579	109
Maryland	2,402	1,756	581	2,358	1,771	530
North Carolina	3,276	2,584	646	3,194	2,537	611
South Carolina	1,632	1,181	439	1,602	1,157	433
Tennessee	2,336	1,964	360	2,301	1,936	348
West Virginia	749	720	26	743	717	19

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics. *Geographic Profile of Employment and Unemployment, 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In thousands. For civilian noninstitutional population, 16 years old and over. Annual averages.

TABLE 13.4
Estimated Labor Force Components for
Virginia's Counties and Cities: October, 1988

	Civilian Labor Force	Employed	Unemployed	
			Number	Rate
Virginia	3,157,279	3,030,880	126,399	4.0%
Counties				
Accomack	15,554	14,645	909	5.8
Albemarle	35,317	34,251	1,066	3.0
Alleghany	5,955	5,583	372	6.2
Amelia	3,608	3,410	198	5.5
Amherst	13,081	12,325	756	5.8
Appomattox	6,377	5,834	543	8.5
Arlington	119,722	117,627	2,095	1.7
Augusta	24,249	23,294	955	3.9
Bath	1,760	1,641	119	6.8
Bedford	19,525	18,559	966	4.9
Bland	3,626	3,384	242	6.7
Botetourt	12,975	12,472	503	3.9
Brunswick	7,642	7,177	465	6.1
Buchanan	11,447	10,163	1,284	11.2
Buckingham	5,277	4,965	312	5.9
Campbell	25,117	23,822	1,295	5.2
Caroline	9,185	8,597	588	6.4
Carroll	12,846	12,129	717	5.6
Charles City	3,715	3,591	124	3.3
Charlotte	5,216	4,612	604	11.6

CONTINUED —

TABLE 13.4

Estimated Labor Force Components for Virginia's
Counties and Cities: October, 1988, *CONTINUED*

	Civilian Labor Force	Employed	Unemployed	
			Number	Rate
Chesterfield	102,945	100,579	2,366	2.3
Clarke	4,500	4,381	119	2.6
Craig	2,255	2,180	75	3.3
Culpeper	11,772	11,384	388	3.3
Cumberland	3,351	3,149	202	6.0
Dickenson	5,097	4,443	654	12.8
Dinwiddie	9,475	8,878	597	6.3
Essex	4,580	4,333	247	5.4
Fairfax	491,571	482,833	8,738	1.8
Fauquier	23,842	23,386	456	1.9
Floyd	5,836	5,477	359	6.2
Fluvanna	5,775	5,544	231	4.0
Franklin	19,449	18,218	1,231	6.3
Frederick	21,602	20,750	852	3.9
Giles	8,755	7,820	935	10.7
Gloucester	15,819	15,361	458	2.9
Goochland	6,270	6,130	140	2.2
Grayson	8,064	7,352	712	8.8
Greene	5,133	4,947	186	3.6
Greensville	4,531	4,260	271	6.0
Halifax	13,661	12,556	1,105	8.1
Hanover	32,344	31,584	760	2.3
Henrico	123,050	120,142	2,908	2.4
Henry	33,639	31,395	2,244	6.7
Highland	919	837	82	8.9
Isle of Wight	10,697	10,237	460	4.3
James City	15,181	14,648	533	3.5
King and Queen	2,699	2,502	197	7.3
King George	6,980	6,720	260	3.7
King William	4,553	4,425	128	2.8
Lancaster	5,225	5,009	216	4.1
Lee	8,365	7,508	857	10.2
Loudoun	44,800	44,130	670	1.5
Louisa	9,995	9,534	461	4.6
Lunenburg	4,830	4,497	333	6.9
Madison	5,523	5,377	146	2.6
Mathews	3,598	3,523	75	2.1
Mecklenburg	13,814	12,825	989	7.2
Middlesex	3,239	3,166	73	2.3
Montgomery	32,909	30,944	1,965	6.0
Nelson	4,934	4,713	221	4.5
New Kent	5,640	5,544	96	1.7
Northampton	6,891	6,299	592	8.6
Northumberland	4,502	4,332	170	3.8
Nottoway	6,912	6,477	435	6.3
Orange	8,887	8,540	347	3.9
Page	9,089	8,560	529	5.8
Patrick	9,546	9,166	380	4.0
Pittsylvania	31,349	30,045	1,904	6.0
Powhatan	5,491	5,327	164	3.0
Prince Edward	7,401	6,838	563	7.6
Prince George	7,478	7,005	473	6.3
Prince William	103,559	101,348	2,211	2.1
Pulaski	17,786	16,648	1,138	6.4
Rappahannock	2,752	2,670	82	3.0
Richmond	3,591	3,440	151	4.2
Roanoke	41,831	40,504	1,327	3.2

CONTINUED →



TABLE 13.4
Estimated Labor Force Components for Virginia's
Counties and Cities: October, 1988, *CONTINUED*

	Civilian Labor Force	Employed	Unemployed	
			Number	Rate
Rockbridge	8,850	8,398	452	5.1
Rockingham	32,963	31,162	1,801	5.5
Russell	11,014	9,933	1,081	9.8
Scott	10,253	9,867	386	3.8
Shenandoah	16,620	16,071	549	3.3
Smyth	15,300	14,085	1,215	7.9
Southampton	6,651	6,366	285	4.3
Spotsylvania	20,555	19,669	886	4.3
Stafford	28,348	27,744	604	2.1
Surry	2,736	2,540	196	7.2
Sussex	5,372	5,103	269	5.0
Tazewell	18,517	17,204	1,313	7.1
Warren	11,290	10,825	465	4.1
Washington	23,773	22,706	1,067	4.5
Westmoreland	5,382	5,042	340	6.3
Wise	15,448	13,863	1,585	10.3
Wythe	14,698	13,779	919	6.3
York	19,495	18,936	559	2.9
Cities				
Alexandria	85,256	83,536	1,720	2.0
Bedford	2,824	2,701	123	4.4
Bristol	9,442	8,933	509	5.4
Buena Vista	3,397	3,078	319	9.4
Charlottesville	24,334	23,674	660	2.7
Chesapeake	73,151	69,741	3,410	4.7
Clifton Forge	2,091	1,993	98	4.7
Colonial Heights	9,401	9,140	261	2.8
Covington	3,567	3,238	329	9.2
Danville	22,032	20,226	1,806	8.2
Emporia	2,053	1,882	171	8.3
Fairfax	14,638	14,387	251	1.7
Falls Church	7,421	7,297	124	1.7
Franklin	3,033	2,839	194	6.4
Fredericksburg	10,579	10,208	371	3.5
Galax	3,255	3,114	141	4.3
Hampton	63,072	59,412	3,660	5.8
Harrisonburg	15,142	14,540	602	4.0
Hopewell	11,948	11,390	558	4.7
Lexington	2,601	2,535	66	2.5
Lynchburg	35,265	33,458	1,807	5.1
Manassas	13,312	13,061	251	1.9
Manassas Park	4,511	4,446	65	1.4
Martinsville	9,936	9,040	896	9.0
Newport News	83,414	79,188	4,226	5.1
Norfolk	101,086	95,316	5,770	5.7
Norton	1,740	1,574	166	9.5
Petersburg	20,075	18,932	1,143	5.7
Poquoson	5,637	5,466	171	3.0
Portsmouth	56,900	52,901	3,999	7.0
Radford	6,692	6,320	372	5.6
Richmond	121,570	115,654	5,916	4.9
Roanoke	53,931	50,896	3,035	5.6
Salem	12,646	12,053	593	4.7
South Boston	3,298	3,034	264	8.0

CONTINUED ➡

TABLE 13.4
Estimated Labor Force Components for Virginia's
Counties and Cities: October, 1988, *CONTINUED*

	Civilian Labor Force	Employed	Unemployed	
			Number	Rate
Staunton	10,534	10,181	353	3.4
Suffolk	28,222	26,686	1,536	5.4
Virginia Beach	166,732	159,996	6,736	4.0
Waynesboro	9,181	8,840	341	3.7
Williamsburg	6,705	6,391	314	4.7
Winchester	12,314	11,789	525	4.3
MSAs				
Bristol (Va. portion)	43,468	41,506	1,962	4.5
Charlottesville	70,559	68,416	2,143	3.0
Danville	53,981	50,271	3,710	6.9
Lynchburg	73,463	69,605	3,858	5.3
Norfolk	635,414	604,042	31,372	4.9
Northern Virginia	913,138	896,409	16,729	1.8
Richmond	459,402	443,896	15,506	3.4
Roanoke	121,383	115,925	5,458	4.5
Planning Districts				
LENOWISCO	35,806	32,812	2,994	8.4
Cumberland Plateau	46,075	41,743	4,332	9.4
Mount Rogers	91,004	85,482	5,522	6.1
New River Valley	71,978	67,209	4,769	6.6
Fifth	135,251	128,919	6,332	4.7
Central Shenandoah	109,596	104,506	5,090	4.6
Lord Fairfax	75,415	72,376	3,039	4.0
Northern Virginia	884,790	868,665	16,125	1.8
Rappahannock-Rapidan	52,776	51,357	1,419	2.7
Thomas Jefferson	85,488	82,663	2,825	3.3
Central Virginia	102,189	96,699	5,490	5.4
West Piedmont	126,551	118,090	8,461	6.7
Southside	38,415	35,592	2,823	7.3
Piedmont	36,595	33,948	2,647	7.2
Richmond Regional	401,025	388,551	12,474	3.1
RADCO	75,647	72,938	2,709	3.6
Northern Neck	18,700	17,823	877	4.7
Middle Peninsula	34,488	33,310	1,178	3.4
Crater	73,069	69,130	3,939	5.4
Southeastern Virginia	446,472	424,082	22,390	5.0
Peninsula	193,504	184,041	9,463	4.9
Accomack-Norhampton	22,445	20,944	1,501	6.7

SOURCE: Commonwealth of Virginia, Virginia Employment Commission. *Labor Market Review*. Richmond, Virginia, monthly.

NOTES: A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.



TABLE 13.5
Estimated Labor Force Components for
Virginia's Counties and Cities: October, 1987

	Civilian Labor Force	Employed	Unemployed	
			Number	Rate
Virginia	3,009,292	2,891,585	117,707	3.9%
Counties				
Accomack	13,800	13,193	607	4.4
Albemarle	32,965	32,249	716	2.2
Alleghany	6,099	5,645	454	7.4
Amelia	3,812	3,532	280	7.3
Amherst	13,328	12,707	621	4.7
Appomattox	6,451	6,227	224	3.5
Arlington	114,789	112,599	2,190	1.9
Augusta	26,128	25,249	879	3.4
Bath	1,900	1,768	132	6.9
Bedford	18,215	17,493	722	4.0
Bland	3,268	3,069	199	6.1
Botetourt	12,908	12,460	448	3.5
Brunswick	7,291	6,897	394	5.4
Buchanan	11,485	9,902	1,583	13.8
Buckingham	5,460	5,073	387	7.1
Campbell	23,942	22,745	1,197	5.0
Caroline	8,995	8,427	568	6.3
Carroll	12,898	12,390	508	3.9
Charles City	3,537	3,402	135	3.8
Charlotte	5,627	5,283	344	6.1
Chesterfield	92,438	89,823	2,615	2.8
Clarke	4,826	4,669	157	3.3
Craig	2,242	2,161	81	3.6
Culpeper	11,616	11,320	296	2.5
Cumberland	3,059	2,787	272	8.9
Dickenson	5,379	4,716	663	12.3
Dinwiddie	9,696	9,062	634	6.5
Essex	4,492	4,329	163	3.6
Fairfax	449,906	440,647	9,259	2.1
Fauquier	22,898	22,544	354	1.5
Floyd	5,878	5,574	304	5.2
Fluvanna	5,326	5,156	170	3.2
Franklin	19,006	18,196	810	4.3
Frederick	20,471	19,623	848	4.1
Giles	8,957	8,017	940	10.5
Gloucester	13,212	12,824	388	2.9
Goochland	6,061	5,890	171	2.8
Grayson	7,715	7,319	396	5.1
Greene	4,615	4,544	71	1.5
Greensville	4,709	4,466	243	5.2
Halifax	13,545	12,504	1,041	7.7
Hanover	29,366	28,555	811	2.8
Henrico	114,125	111,025	3,100	2.7
Henry	33,274	31,425	1,849	5.6
Highland	1,015	956	59	5.8
Isle of Wight	10,417	9,738	679	6.5
James City	13,925	13,523	402	2.9
King and Queen	2,540	2,459	81	3.2
King George	6,239	6,050	189	3.0
King William	4,443	4,317	126	2.8
Lancaster	4,946	4,724	222	4.5
Lee	8,328	7,494	834	10.0
Loudoun	40,036	39,295	741	1.9

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TABLE 13.5

Estimated Labor Force Components for Virginia's
Counties and Cities: October, 1987, *CONTINUED*

	Civilian Labor Force	Employed	Unemployed	
			Number	Rate
Louisa	10,567	9,970	597	5.6
Lunenburg	4,916	4,384	532	10.8
Madison	5,702	5,592	110	1.9
Mathews	3,443	3,364	79	2.3
Mecklenburg	13,774	12,968	806	5.9
Middlesex	3,506	3,378	128	3.7
Montgomery	32,853	30,936	1,917	5.8
Nelson	4,642	4,340	302	6.5
New Kent	5,161	5,060	101	2.0
Northampton	6,033	5,654	379	6.3
Northumberland	4,148	3,964	184	4.4
Nottoway	6,153	5,660	493	8.0
Orange	9,238	8,875	363	3.9
Page	9,973	9,681	292	2.9
Patrick	9,686	9,291	395	4.1
Pittsylvania	30,505	28,516	1,989	6.5
Powhatan	5,917	5,743	174	2.9
Prince Edward	6,784	5,985	799	11.8
Prince George	9,212	8,617	595	6.5
Prince William	96,952	94,780	2,172	2.2
Pulaski	17,879	16,915	964	5.4
Rappahannock	2,802	2,723	79	2.8
Richmond	3,574	3,335	239	6.7
Roanoke	42,241	40,958	1,283	3.0
Rockbridge	9,158	8,643	515	5.6
Rockingham	32,897	31,940	957	2.9
Russell	11,908	10,661	1,247	10.5
Scott	10,087	9,654	433	4.3
Shenandoah	16,701	16,297	404	2.4
Smyth	15,492	14,419	1,073	6.9
Southampton	6,962	6,706	256	3.7
Spotsylvania	19,215	18,329	886	4.6
Stafford	26,602	25,881	721	2.7
Surry	3,106	2,909	197	6.3
Sussex	5,162	4,851	311	6.0
Tazewell	20,426	18,578	1,848	9.0
Warren	11,526	11,143	383	3.3
Washington	23,906	22,231	1,675	7.0
Westmoreland	5,600	5,244	356	6.4
Wise	15,161	13,840	1,321	8.7
Wythe	14,260	13,475	785	5.5
York	18,556	18,120	436	2.3
Cities				
Alexandria	81,377	79,585	1,792	2.2
Bedford	2,892	2,783	109	3.8
Bristol	9,549	8,737	812	8.5
Buena Vista	3,423	3,191	232	6.8
Charlottesville	22,922	22,407	515	2.2
Chesapeake	64,621	61,887	2,734	4.2
Clifton Forge	2,235	2,058	177	7.9
Colonial Heights	9,019	8,660	359	4.0
Covington	3,490	3,196	294	8.4
Danville	20,489	19,167	1,322	6.5
Emporia	2,116	2,019	97	4.6
Fairfax	14,225	13,968	257	1.8
Falls Church	6,823	6,667	156	2.3

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TABLE 13.5
Estimated Labor Force Components for Virginia's
Counties and Cities: October, 1987, *CONTINUED*

	Civilian Labor Force	Employed	Unemployed	
			Number	Rate
Franklin	2,731	2,553	178	6.5
Fredericksburg	10,306	9,834	472	4.6
Galax	3,276	3,119	157	4.8
Hampton	59,855	56,693	3,162	5.3
Harrisonburg	15,603	14,900	703	4.5
Hopewell	11,423	10,747	676	5.9
Lexington	2,697	2,547	150	5.6
Lynchburg	34,121	32,480	1,641	4.8
Manassas	12,232	12,026	206	1.7
Manassas Park	4,082	4,002	80	2.0
Martinsville	9,910	9,286	624	6.3
Newport News	76,958	73,369	3,589	4.7
Norfolk	109,501	104,578	4,923	4.5
Norton	1,632	1,561	71	4.4
Petersburg	19,000	17,853	1,147	6.0
Poquoson	5,087	4,918	169	3.3
Portsmouth	51,882	48,701	3,181	6.1
Radford	6,695	6,274	421	6.3
Richmond	114,310	108,719	5,591	4.9
Roanoke	53,625	51,069	2,556	4.8
Salem	13,305	12,799	506	3.8
South Boston	3,322	3,118	204	6.1
Staunton	10,859	10,550	309	2.8
Suffolk	24,866	23,626	1,240	5.0
Virginia Beach	153,353	147,998	5,355	3.5
Waynesboro	7,702	7,373	329	4.3
Williamsburg	5,753	5,503	250	4.3
Winchester	12,040	11,412	628	5.2
MSAs				
Bristol (Va. portion)	43,542	40,622	2,920	6.7
Charlottesville	65,828	64,356	1,472	2.2
Danville	50,994	47,683	3,311	6.5
Lynchburg	71,391	67,932	3,459	4.8
Norfolk	597,569	571,740	25,829	4.3
Northern Virginia	847,024	829,450	17,574	2.1
Richmond	429,265	413,156	16,109	3.8
Roanoke	122,079	117,286	4,793	3.9
Planning Districts				
LENOWISCO	35,208	32,549	2,659	7.6
Cumberland Plateau	49,198	43,857	5,341	10.9
Mount Rogers	90,364	84,759	5,605	6.2
New River Valley	72,262	67,716	4,546	6.3
Fifth	136,145	130,346	5,799	4.3
Central Shenandoah	111,382	107,117	4,265	3.8
Lord Fairfax	75,537	72,825	2,712	3.6
Northern Virginia	820,422	803,569	16,853	2.1
Rappahannock-Rapidan	52,256	51,054	1,202	2.3
Thomas Jefferson	81,037	78,666	2,371	2.9
Central Virginia	98,949	94,435	4,514	4.6
West Piedmont	122,870	115,881	6,989	5.7
Southside	37,932	35,487	2,445	6.4
Piedmont	35,811	32,704	3,107	8.7
Richmond Regional	370,915	358,217	12,698	3.4
RADCO	71,357	68,521	2,836	4.0
Northern Neck	18,268	17,267	1,001	5.5

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TABLE 13.5
Estimated Labor Force Components for Virginia's
Counties and Cities: October, 1987, *CONTINUED*

	Civilian Labor Force	Employed	Unemployed	
			Number	Rate
Middle Peninsula	31,636	30,671	965	3.1
Crater	73,443	69,184	4,259	5.8
Southeastern Virginia	424,333	405,787	18,546	4.4
Peninsula	180,134	172,126	8,008	4.4
Accomack-Northampton	19,833	18,847	986	5.0

SOURCE: Commonwealth of Virginia, Virginia Employment Commission. *Labor Force Estimates for the United States, Virginia, and Virginia's MSA's, LMA's, Cities and Counties*. Richmond, Virginia, monthly.

NOTES: A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 13.6A
Labor Force Status for Virginia's Counties and Cities: 1980

	Persons 16 Years & Over			
	In the Labor Force			Armed Forces
	Total	Total	Percent of all persons 16 years & over	
Virginia	4,072,265	2,611,879	64.1%	140,721
Counties				
Accomack	23,977	13,827	57.7	69
Albemarle	44,317	27,627	62.3	181
Alleghany	10,666	6,011	56.4	7
Amelia	6,259	3,624	57.9	7
Amherst	22,257	12,778	57.4	7
Appomattox	8,934	5,667	63.4	3
Arlington	131,131	94,373	72.0	5,622
Augusta	40,995	25,200	61.5	12
Bath	4,542	2,949	64.9	...
Bedford	26,394	16,157	61.2	...
Bland	4,882	2,541	52.0	...
Botetourt	17,575	10,654	60.6	...
Brunswick	11,774	6,575	55.8	31
Buchanan	26,477	12,412	46.9	...
Buckingham	8,668	4,790	55.3	10
Campbell	33,452	21,904	65.5	10
Caroline	13,056	8,005	61.3	101
Carroll	20,854	12,508	60.0	7
Charles City	4,907	3,298	67.2	13
Charlotte	9,068	4,975	54.9	9
Chesterfield	101,638	72,169	71.0	333
Clarke	7,586	4,660	61.4	25
Craig	3,034	1,744	57.5	...

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TABLE 13.6A
Labor Force Status for Virginia's Counties and Cities: 1980, *CONTINUED*

Persons 16 Years & Over				
In the Labor Force				
	Total	Total	Percent of all persons 16 years & over	Armed Forces
Culpeper	16,892	10,260	60.7	24
Cumberland	5,660	3,133	55.4	4
Dickenson	14,140	5,939	42.0	...
Dinwiddie	17,137	9,499	55.4	28
Essex	6,701	3,997	59.6	...
Fairfax	446,568	326,811	73.2	17,333
Fauquier	26,580	17,530	66.0	703
Floyd	8,886	5,144	57.9	...
Fluvanna	7,596	4,750	62.5	22
Franklin	27,286	16,583	60.8	3
Frederick	24,921	16,595	66.6	26
Giles	13,506	7,761	57.5	6
Gloucester	15,379	9,083	59.1	130
Goochland	9,073	5,291	58.3	...
Grayson	12,727	7,642	60.0	...
Greene	5,591	3,757	67.2	...
Greensville	7,709	4,780	62.0	11
Halifax	23,083	13,290	57.6	20
Hanover	37,951	25,388	66.9	31
Henrico	140,189	97,034	69.2	145
Henry	42,863	29,541	68.9	6
Highland	2,338	1,327	56.8	...
Isle of Wight	16,082	9,842	61.2	19
James City	17,351	11,097	64.0	220
King and Queen	4,534	2,507	55.3	...
King George	7,532	4,608	61.2	212
King William	6,933	4,237	61.1	13
Lancaster	8,206	4,322	52.7	9
Lee	19,073	8,528	44.7	12
Loudoun	41,095	28,888	70.3	285
Louisa	13,417	7,933	59.1	19
Lunenburg	9,165	5,336	58.2	4
Madison	7,767	4,575	58.9	12
Mathews	6,505	3,378	51.9	38
Mecklenburg	22,402	13,108	58.5	14
Middlesex	6,213	3,237	52.1	14
Montgomery	52,251	28,230	54.0	24
Nelson	9,300	4,942	53.1	5
New Kent	6,467	4,172	64.5	27
Northampton	11,222	6,122	54.6	92
Northumberland	7,938	3,970	50.0	...
Nottoway	11,249	6,336	56.3	124
Orange	13,690	8,070	58.9	10
Page	14,730	8,553	58.1	11
Patrick	13,376	8,454	63.2	...
Pittsylvania	49,708	31,282	62.9	30
Powhatan	9,870	5,311	53.8	16
Prince Edward	13,064	6,558	50.2	...
Prince George	19,047	13,438	70.6	5,428
Prince William	98,399	74,076	75.3	7,720
Pulaski	26,273	16,275	61.9	11
Rappahannock	4,696	2,627	55.9	...

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TABLE 13.6A
Labor Force Status for Virginia's Counties and Cities: 1980, *CONTINUED*

	Persons 16 Years & Over			
	In the Labor Force			Armed Forces
	Total	Total	Percent of all persons 16 years & over	
Richmond	5,383	3,135	58.2	...
Roanoke	55,794	36,376	65.2	38
Rockbridge	13,841	8,227	59.4	16
Rockingham	43,781	28,418	64.9	29
Russell	23,429	11,338	48.4	5
Scott	19,058	8,838	46.4	32
Shenandoah	21,418	13,129	61.3	9
Smyth	25,602	14,602	57.0	11
Southampton	14,415	7,614	52.8	12
Spotsylvania	23,782	15,620	65.7	155
Stafford	28,844	19,809	68.7	1,834
Surry	4,498	2,617	58.2	...
Sussex	8,004	4,727	59.1	...
Tazewell	37,070	19,039	51.4	11
Warren	16,173	9,787	60.5	19
Washington	35,211	20,164	57.3	6
Westmoreland	10,741	5,743	53.5	38
Wise	31,953	15,230	47.7	8
Wythe	19,261	11,633	60.4	...
York	25,638	18,115	70.7	3,293
Cities				
Alexandria	86,866	64,746	74.5	2,503
Bedford	4,914	2,740	55.8	...
Bristol	15,028	8,593	57.2	3
Buena Vista	5,044	3,155	62.5	6
Charlottesville	33,367	20,266	60.7	142
Chesapeake	82,863	52,615	63.5	2,264
Clifton Forge	3,993	2,083	52.2	...
Colonial Heights	12,681	8,246	65.0	203
Covington	7,150	3,861	54.0	...
Danville	36,121	21,816	60.4	5
Emporia	3,785	2,157	57.0	...
Fairfax	15,264	11,025	72.2	171
Falls Church	8,000	5,413	67.7	61
Franklin	5,463	3,052	55.9	...
Fredericksburg	12,674	7,377	58.2	60
Galax	5,219	3,053	58.5	...
Hampton	92,064	59,873	65.0	7,748
Harrisonburg	16,965	9,187	54.2	...
Hopewell	17,519	10,594	60.5	440
Lexington	6,351	2,540	40.0	11
Lynchburg	52,732	31,795	60.3	59
Manassas	10,921	7,865	72.0	110
Manassas Park	4,335	3,128	72.2	46
Martinsville	14,279	8,287	58.0	...
Newport News	108,862	72,757	66.8	9,388
Norfolk	209,398	136,889	65.4	43,683
Norton	3,567	1,760	49.3	...
Petersburg	31,180	18,819	60.4	614
Poquoson	6,337	4,250	67.1	311
Portsmouth	78,661	46,014	58.5	2,696
Radford	11,086	5,836	52.6	...
Richmond	176,819	106,561	60.3	279

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TABLE 13.6A
Labor Force Status for Virginia's Counties and Cities: 1980, *CONTINUED*

Persons 16 Years & Over				
In the Labor Force				
	Total	Total	Percent of all persons 16 years & over	Armed Forces
Roanoke	78,953	46,452	58.8	66
Salem	19,303	11,581	60.0	6
South Boston	5,436	3,218	59.2	8
Staunton	17,765	10,716	60.3	16
Suffolk	35,509	20,941	59.0	112
Virginia Beach	191,765	136,617	71.2	24,814
Waynesboro	11,958	7,642	63.9	10
Williamsburg	9,150	4,628	50.6	52
Winchester	16,248	9,975	61.4	10
MSAs				
Bristol (Va. portion)	69,297	37,595	NC	41
Charlottesville	90,871	56,400	NC	345
Danville	85,829	53,098	NC	35
Lynchburg	108,441	66,477	NC	76
Norfolk	872,977	572,879	NC	94,711
Northern Virginia	871,423	636,134	NC	35,685
Richmond	584,478	379,820	NC	7,557
Roanoke	171,625	105,063	NC	110
Planning Districts				
LENOWISCO	73,651	34,356	NC	52
Cumberland Plateau	101,116	48,728	NC	16
Mount Rogers	138,784	80,736	NC	27
New River Valley	112,002	63,246	NC	41
Fifth	196,468	118,762	NC	117
Central Shenandoah	163,580	99,361	NC	100
Lord Fairfax	101,076	62,699	NC	100
Northern Virginia	842,579	616,325	NC	33,851
Rappahannock-Rapidan	69,625	43,062	NC	749
Thomas Jefferson	113,588	69,275	NC	369
Central Virginia	148,683	91,041	NC	79
West Piedmont	183,633	115,963	NC	44
Southside	62,695	36,191	NC	73
Piedmont	63,133	34,752	NC	158
Richmond Regional	486,914	319,224	NC	844
RADCO	85,888	55,419	NC	2,362
Northern Neck	32,268	17,170	NC	47
Middle Peninsula	46,265	26,439	NC	195
Crater	121,560	74,877	NC	6,724
Southeastern Virginia	634,156	413,584	NC	73,600
Peninsula	259,402	170,720	NC	21,012
Accomack-Northampton	35,199	19,949	NC	161

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population. *General Social and Economic Characteristics Virginia*. U.S. Government Printing Office, Washington, D.C., 1983.

NOTES: NC—Not computed.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 13.6B
Labor Force Status for Virginia's Counties and Cities: 1980, Continued

Persons 16 Years & Over						
	In the Labor Force				Not in the Labor Force	
	Civilian Labor Force			Percent Unemployed	Total	Inmate of Institution
	Total	Employed	Unemployed			
Virginia	2,471,158	2,348,401	122,757	5.0%	1,460,386	52,298
Counties						
Accomack	13,758	12,589	1,169	8.5	10,150	302
Albemarle	27,446	26,617	829	3.0	16,690	450
Alleghany	6,004	5,593	411	6.8	4,655	67
Amelia	3,617	3,487	130	3.6	2,635	22
Amherst	12,771	12,179	592	4.6	9,479	2,040
Appomattox	5,664	5,273	391	6.9	3,267	64
Arlington	88,751	85,812	2,939	3.3	36,758	620
Augusta	25,188	24,082	1,106	4.4	15,795	1,958
Bath	2,949	2,656	293	9.9	1,593	...
Bedford	16,157	15,310	847	5.2	10,237	191
Bland	2,541	2,418	123	4.8	2,341	438
Botetourt	10,654	10,280	374	3.5	6,921	247
Brunswick	6,544	6,176	368	5.6	5,199	27
Buchanan	12,412	11,718	694	5.6	14,065	150
Buckingham	4,780	4,512	268	5.6	3,878	...
Campbell	21,894	20,960	934	4.3	11,548	125
Caroline	7,904	7,266	638	8.1	5,051	200
Carroll	12,501	11,876	625	5.0	8,346	215
Charles City	3,285	3,118	167	5.1	1,609	...
Charlotte	4,966	4,676	290	5.8	4,093	65
Chesterfield	71,836	69,539	2,297	3.2	29,469	766
Clarke	4,635	4,472	163	3.5	2,926	209
Craig	1,744	1,637	107	6.1	1,290	...
Culpeper	10,236	9,678	558	5.5	6,632	334
Cumberland	3,129	2,972	157	5.0	2,527	7
Dickenson	5,939	5,327	612	10.3	8,201	13
Dinwiddie	9,471	8,865	606	6.4	7,638	2,011
Essex	3,997	3,861	136	3.4	2,704	125
Fairfax	309,478	301,034	8,444	2.7	119,757	3,934
Fauquier	16,827	16,176	651	3.9	9,050	148
Floyd	5,144	4,825	319	6.2	3,742	121
Fluvanna	4,728	4,460	268	5.7	2,846	...
Franklin	16,580	15,783	797	4.8	10,703	184
Frederick	16,569	15,631	938	5.7	8,326	97
Giles	7,755	7,158	597	7.7	5,745	47
Gloucester	8,953	8,546	407	4.5	6,296	56
Goochland	5,291	5,023	268	5.1	3,782	592
Grayson	7,642	7,142	500	6.5	5,085	22
Greene	3,757	3,625	132	3.5	1,834	15
Greensville	4,769	4,399	370	7.8	2,929	11
Halifax	13,270	12,431	839	6.3	9,793	214
Hanover	25,357	24,771	586	2.3	12,563	155
Henrico	96,889	93,993	2,896	3.0	43,155	2,010
Henry	29,535	28,431	1,104	3.7	13,322	150
Highland	1,327	1,257	70	5.3	1,011	4
Isle of Wight	9,823	9,471	352	3.6	6,240	144
James City	10,877	10,270	607	5.6	6,254	1,198
King and Queen	2,507	2,361	146	5.8	2,027	...

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TABLE 13.6B

Labor Force Status for Virginia's Counties and Cities: 1980, *CONTINUED*

Persons 16 Years & Over						
In the Labor Force						
Civilian Labor Force				Not in the Labor Force		
Total	Employed	Unemployed	Percent Unemployed	Total	Inmate of Institution	
King George	4,396	4,206	190	4.3	2,924	...
King William	4,224	4,076	148	3.5	2,696	...
Lancaster	4,313	3,924	389	9.0	3,884	152
Lee	8,516	7,610	906	10.6	10,545	111
Loudoun	28,603	27,944	659	2.3	12,207	284
Louisa	7,914	7,369	545	6.9	5,484	22
Lunenburg	5,332	5,052	280	5.3	3,829	13
Madison	4,563	4,366	197	4.3	3,192	59
Mathews	3,340	3,189	151	4.5	3,127	93
Mecklenburg	13,094	12,466	628	4.8	9,294	566
Middlesex	3,223	3,102	121	3.8	2,976	135
Montgomery	28,206	26,431	1,775	6.3	24,021	212
Nelson	4,937	4,643	294	6.0	4,358	74
New Kent	4,145	3,990	155	3.7	2,295	113
Northampton	6,030	5,481	549	9.1	5,100	17
Northumberland	3,970	3,555	415	10.5	3,968	...
Nottoway	6,212	5,828	384	6.2	4,913	430
Orange	8,060	7,696	364	4.5	5,620	177
Page	8,542	7,726	816	9.6	6,177	137
Patrick	8,454	8,171	283	3.3	4,922	130
Pittsylvania	31,252	29,612	1,640	5.2	18,426	328
Powhatan	5,295	5,070	225	4.2	4,559	1,609
Prince Edward	6,558	6,137	421	6.4	6,506	115
Prince George	8,010	7,512	498	6.2	5,609	728
Prince William	66,356	63,881	2,475	3.7	24,323	285
Pulaski	16,264	15,200	1,064	6.5	9,998	332
Rappahannock	2,627	2,517	110	4.2	2,069	...
Richmond	3,135	2,946	189	6.0	2,248	84
Roanoke	36,338	35,004	1,334	3.7	19,418	1,352
Rockbridge	8,211	7,616	595	7.2	5,614	56
Rockingham	28,389	27,457	932	3.3	15,363	369
Russell	11,333	10,455	878	7.7	12,091	128
Scott	8,806	8,098	708	8.0	10,220	23
Shenandoah	13,120	12,575	545	4.2	8,289	212
Smyth	14,591	13,515	1,076	7.4	11,000	699
Southampton	7,602	7,233	369	4.9	6,801	1,062
Spotsylvania	15,465	14,588	877	5.7	8,162	106
Stafford	17,975	17,063	912	5.1	9,035	302
Surry	2,617	2,461	156	6.0	1,881	...
Sussex	4,727	4,514	213	4.5	3,277	11
Tazewell	19,028	17,695	1,333	7.0	18,031	308
Warren	9,768	9,044	724	7.4	6,386	93
Washington	20,158	18,792	1,366	6.8	15,047	433
Westmoreland	5,705	5,243	462	8.1	4,998	12
Wise	15,222	14,064	1,158	7.6	16,723	175
Wythe	11,633	10,966	667	5.7	7,628	192
York	14,822	14,053	769	5.2	7,523	25
Cities						
Alexandria	61,243	60,138	2,105	3.4	22,120	774
Bedford	2,740	2,566	174	6.4	2,174	427
Bristol	8,590	7,922	668	7.8	6,435	96

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TABLE 13.6B

Labor Force Status for Virginia's Counties and Cities: 1980, *CONTINUED*

	Persons 16 Years & Over					
	In the Labor Force					
	Civilian Labor Force				Not in the Labor Force	
	Total	Employed	Unemployed	Percent Unemployed	Total	Inmate of Institution
Buena Vista	3,149	2,846	303	9.6	1,889	...
Charlottesville	20,124	19,473	651	3.2	13,101	245
Chesapeake	50,351	47,390	2,961	5.9	30,248	1,212
Clifton Forge	2,083	1,976	107	5.1	1,910	227
Colonial Heights	8,043	7,732	311	3.9	4,435	132
Covington	3,861	3,563	298	7.7	3,289	20
Danville	21,811	20,300	1,511	6.9	14,305	532
Emporia	2,157	1,964	193	8.9	1,328	134
Fairfax	10,854	10,555	299	2.8	4,239	401
Falls Church	5,352	5,238	114	2.1	2,587	25
Franklin	3,052	2,806	246	8.1	2,411	45
Fredericksburg	7,317	6,850	467	6.4	5,297	145
Galax	3,053	2,875	178	5.8	2,166	54
Hampton	52,125	48,363	3,762	7.2	32,191	1,243
Harrisonburg	9,187	8,878	309	3.4	7,778	387
Hopewell	10,154	9,516	638	6.3	6,925	250
Lexington	2,529	2,361	168	6.6	3,811	7
Lynchburg	51,736	30,318	1,418	4.5	20,937	744
Manassas	7,755	7,488	267	3.4	3,056	389
Manassas Park	3,082	2,961	121	3.9	1,207	...
Martinsville	8,287	7,919	368	4.4	5,992	502
Newport News	63,369	58,981	4,388	6.9	36,105	1,240
Norfolk	93,206	86,015	7,191	7.7	72,509	1,285
Norton	1,760	1,646	114	6.5	1,807	...
Petersburg	18,205	16,789	1,416	7.8	12,361	478
Poquoson	3,939	3,763	176	4.5	2,087	...
Portsmouth	43,318	40,003	3,315	7.7	32,647	824
Radford	5,836	5,402	434	7.4	5,250	4
Richmond	106,282	99,667	6,615	6.2	70,258	4,422
Roanoke	46,386	43,674	2,712	5.8	32,501	678
Salem	11,575	11,079	496	4.3	7,722	1,100
South Boston	3,210	3,006	204	6.4	2,218	157
Staunton	10,700	10,243	457	4.3	7,049	674
Suffolk	20,829	19,439	1,390	6.7	14,568	443
Virginia Beach	111,803	105,894	5,909	5.3	55,148	887
Waynesboro	7,632	7,200	432	5.7	4,316	...
Williamsburg	4,576	4,404	172	3.8	4,522	185
Winchester	9,965	9,326	639	6.4	6,273	418
MSAs						
Bristol (Va. portion)	37,554	34,812	2,742	7.3	31,702	552
Charlottesville	56,055	54,175	1,880	3.4	34,471	710
Danville	53,063	49,912	3,151	5.9	32,731	860
Lynchburg	66,401	63,457	2,944	4.4	41,964	2,909
Norfolk	478,168	447,121	31,047	6.5	300,098	8,598
Northern Virginia	599,449	582,114	18,335	3.1	235,289	7,014
Richmond	372,283	355,585	16,698	4.5	204,658	13,266
Roanoke	104,953	100,037	4,916	4.7	66,562	3,377
Planning Districts						
LENOWISCO	34,304	31,418	2,886	8.4	39,295	309
Cumberland Plateau	48,712	45,195	3,517	7.2	52,388	599
Mount Rogers	80,709	75,506	5,203	6.4	58,048	2,149

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TABLE 13.6B
Labor Force Status for Virginia's Counties and Cities: 1980, *CONTINUED*

Persons 16 Years & Over						
In the Labor Force						
Civilian Labor Force					Not in the Labor Force	
Total	Employed	Unemployed	Percent Unemployed		Total	Inmate of Institution
New River Valley	63,205	59,016	4,189	6.6	48,756	716
Fifth	118,645	112,806	5,839	4.9	77,706	3,691
Central Shenandoah	99,261	94,596	4,665	4.7	64,219	3,455
Lord Fairfax	62,599	58,774	3,825	6.1	38,377	1,166
Northern Virginia	581,474	565,051	17,423	3.0	226,254	6,712
Rappahannock-Rapidan	42,313	40,433	1,880	4.4	26,563	718
Thomas Jefferson	68,906	66,187	2,719	3.9	44,313	806
Central Virginia	90,962	86,606	4,356	4.8	57,642	3,591
West Piedmont	115,919	110,216	5,703	4.9	67,670	1,826
Southside	36,118	34,079	2,039	5.6	26,504	964
Piedmont	34,594	32,664	1,930	5.6	28,381	652
Richmond Regional	318,380	305,171	13,209	4.1	167,690	9,667
RADCO	53,057	49,973	3,084	5.8	30,469	753
Northern Neck	17,123	15,668	1,455	8.5	15,098	248
Middle Peninsula	26,244	25,135	1,109	4.2	19,826	409
Crater	68,153	63,752	4,401	6.5	46,683	3,755
Southeastern Virginia	339,984	318,251	21,733	6.4	220,572	5,902
Peninsula	149,708	139,834	9,874	6.6	88,682	3,891
Accomack-Northampton	19,788	18,070	1,718	8.7	15,250	319

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population, *General Social and Economic Characteristics Virginia*. U.S. Government Printing Office, Washington, D.C., 1983.

NOTES: A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
 A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 13.7
Insured Unemployed for the U.S., Virginia,
and Surrounding States: 1985-1987

	Number			Percent		
	1987	1986	1985	1987	1986	1985
United States	2,297	2,607	2,561	2.4%	2.8%	2.8%
Virginia	21.0	23.2	25.5	0.9	1.0	1.2
Delaware	3.4	5.7	4.5	1.2	2.0	1.6
District of Columbia	7.9	8.5	8.2	1.9	2.1	2.1
Florida	51.7	59.0	56.6	1.1	1.4	1.4
Georgia	40.8	43.5	42.0	1.6	1.8	1.8
Kentucky	28.7	37.2	36.2	2.4	3.2	3.2
Maryland	30.5	35.6	36.0	1.7	2.1	2.2
North Carolina	41.9	49.3	57.3	1.6	1.9	2.3
South Carolina	22.1	27.8	34.1	1.8	2.3	2.8
Tennessee	39.8	44.3	46.1	2.2	2.5	2.7
West Virginia	19.8	23.6	25.8	3.6	4.3	4.7

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: For civilian noninstitutional population, 16 years old and over.

"Number" in thousands.

"Percent" equals insured unemployment as percent of average covered employment in the previous year.

TABLE 13.8
Distribution of Unemployed Persons by Duration of Unemployment
for the U.S., Virginia, and Surrounding States: 1987

	Total Unemployed	Duration of Unemployment			
		Less Than 5 Weeks	5-14 Weeks	15 Weeks & Over	27 Weeks & Over
United States	7,423	43.7%	30.8%	26.7%	14.0%
Virginia	126	51.9	27.8	20.3	10.3
Delaware	10	50.9	30.5	18.7	10.4
District of Columbia	21	42.9	32.6	24.4	10.5
Florida	312	54.0	27.8	18.3	8.6
Georgia	167	51.4	32.7	15.9	6.2
Kentucky	148	36.9	29.4	33.7	21.2
Maryland	102	45.2	33.7	21.1	9.5
North Carolina	146	51.6	30.4	18.0	9.1
South Carolina	91	43.3	29.8	27.0	14.4
Tennessee	154	49.3	29.3	21.4	10.3
West Virginia	81	30.1	24.6	45.3	31.8

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics. *Geographic Profile of Employment and Unemployment, 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: For civilian noninstitutional population, 16 years old and over. Annual averages.

"Total Unemployed" in thousands.

**TABLE 13.9**

Distribution of Unemployed Persons by Reason for Unemployment for the U.S., Virginia, and Surrounding States: 1987

	Total Unemployed	Reason for Unemployment				
		Job Losers				
		Total	On Layoff	Job Leavers	Reentrants	New Entrants
United States	7,423	48.0%	12.9%	13.0%	26.6%	12.4%
Virginia	126	32.4	8.2	16.2	37.4	13.9
Delaware	10	41.3	17.9	15.2	38.1	5.5
District of Columbia	21	47.0	8.7	15.9	27.3	9.7
Florida	312	39.1	8.4	18.1	31.5	11.2
Georgia	167	32.8	11.6	16.2	34.8	16.3
Kentucky	148	45.8	17.7	12.9	24.1	17.3
Maryland	102	37.8	10.3	14.3	34.9	12.9
North Carolina	146	43.7	10.3	17.1	26.4	12.7
South Carolina	91	43.6	7.9	12.1	28.3	16.0
Tennessee	154	42.5	13.8	16.4	24.7	16.4
West Virginia	81	56.3	18.3	10.1	20.7	12.9

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics. *Geographic Profile of Employment and Unemployment, 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: For civilian noninstitutional population, 16 years old and over. Annual averages.
 Total Unemployed in thousands.

TABLE 13.10

Civilian Labor Force by Sex for the U.S., Virginia, and Surrounding States: 1986 and 1987

	1987			1986		
	Total	Male	Female	Total	Male	Female
United States	119,865	66,207	53,658	117,834	65,422	52,413
Virginia	2,989	1,641	1,347	2,885	1,579	1,306
Delaware	331	177	154	325	175	150
District of Columbia	333	163	170	328	162	165
Florida	5,870	3,177	2,693	5,588	3,041	2,546
Georgia	3,053	1,642	1,411	3,014	1,612	1,402
Kentucky	1,686	955	731	1,690	975	715
Maryland	2,402	1,294	1,108	2,358	1,263	1,095
North Carolina	3,276	1,751	1,525	3,194	1,724	1,471
South Carolina	1,632	888	743	1,602	864	738
Tennessee	2,336	1,274	1,062	2,301	1,244	1,057
West Virginia	749	437	312	743	436	307

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics. *Geographic Profile of Employment and Unemployment, 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In thousands. For civilian noninstitutional population, 16 years old and over. Annual averages.

TABLE 13.11
Civilian Labor Force Participation Rates by Sex for the
U.S., Virginia, and Surrounding States: 1986 and 1987

	1987			1986		
	Total	Male	Female	Total	Male	Female
United States	65.6%	76.2%	56.0%	65.3%	76.3%	55.3%
Virginia	68.2	78.1	59.0	67.4	77.9	57.9
Delaware	67.7	77.1	59.4	67.6	77.1	59.1
District of Columbia	69.7	75.0	65.3	67.4	73.0	62.7
Florida	62.3	71.4	54.1	60.9	70.8	52.2
Georgia	67.0	77.9	57.6	67.3	77.7	58.3
Kentucky	60.7	73.5	49.5	61.9	75.8	49.3
Maryland	69.6	79.2	61.0	69.3	79.0	60.8
North Carolina	68.1	77.3	59.9	68.6	78.9	58.9
South Carolina	65.4	75.2	56.6	64.9	75.3	55.9
Tennessee	63.4	73.4	54.5	63.1	73.1	54.4
West Virginia	51.7	64.7	40.4	51.0	64.0	39.6

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics. *Geographic Profile of Employment and Unemployment*, 1987. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: Percent of civilian noninstitutional population of each specified group in the civilian labor force. Annual averages.

TABLE 13.12
Employed Civilian Labor Force by Sex for the U.S.,
Virginia, and Surrounding States: 1986 and 1987

	1987			1986		
	Total	Male	Female	Total	Male	Female
United States	112,440	62,107	50,334	109,597	60,892	48,706
Virginia	2,862	1,580	1,283	2,740	1,508	1,232
Delaware	321	172	149	311	167	144
District of Columbia	312	153	159	302	150	153
Florida	5,558	3,020	2,538	5,268	2,873	2,395
Georgia	2,885	1,570	1,315	2,836	1,540	1,296
Kentucky	1,538	872	666	1,533	886	648
Maryland	2,300	1,242	1,058	2,252	1,216	1,037
North Carolina	3,130	1,683	1,448	3,024	1,643	1,382
South Carolina	1,541	851	690	1,502	821	681
Tennessee	2,181	1,196	985	2,116	1,155	961
West Virginia	668	384	284	655	379	277

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics. *Geographic Profile of Employment and Unemployment*, 1987. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In thousands. For civilian noninstitutional population, 16 years old and over. Annual averages.



TABLE 13.13
Unemployed Civilian Labor Force by Sex for the U.S.,
Virginia, and Surrounding States: 1986 and 1987

	1987				1986			
	Number	Rate			Number	Rate		
		Total	Male	Female		Total	Male	Female
United States	7,425	6.2%	6.2%	6.2%	8,237	7.0%	6.9%	7.1%
Virginia	126	4.2	3.8	4.8	145	5.0	4.5	5.7
Delaware	10	3.2	3.0	3.4	14	4.3	4.4	4.3
District of Columbia	21	6.3	6.3	6.3	25	7.7	7.8	7.6
Florida	312	5.3	5.0	5.8	320	5.7	5.5	6.0
Georgia	167	5.5	4.4	6.8	178	5.9	4.5	7.6
Kentucky	148	8.8	8.7	8.9	156	9.3	9.1	9.4
Maryland	102	4.2	4.0	4.5	105	4.5	3.8	5.3
North Carolina	146	4.5	3.9	5.1	170	5.3	4.7	6.0
South Carolina	91	5.6	4.3	7.2	100	6.2	5.0	7.7
Tennessee	154	6.6	6.1	7.2	185	8.0	7.2	9.1
West Virginia	81	10.8	12.2	8.9	88	11.8	13.2	9.9

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics. *Geographic Profile of Employment and Unemployment, 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In thousands. For civilian noninstitutional population, 16 years old and over. Annual averages.
 "Rate" is equal to the unemployed as a percent of the civilian labor force.

TABLE 13.14A
Labor Force Status for Females in Virginia's Counties and Cities: 1980

	Females 16 Years & Over			
	In the Labor Force			Armed Forces
	Total	Total	Percent of All Females 16 Years & Over	
Virginia	2,106,431	1,103,192	52.4%	10,413
Counties				
Accomack	13,052	6,116	46.9	...
Albemarle	22,534	12,520	55.6	18
Alleghany	5,414	2,148	39.7	...
Amelia	3,232	1,477	45.7	...
Amherst	11,767	5,731	48.7	...
Appomattox	4,638	2,499	53.9	...
Arlington	69,582	44,683	64.2	1,111
Augusta	21,075	10,407	49.4	...
Bath	2,130	1,077	50.6	...
Bedford	13,244	6,396	48.3	...
Bland	2,279	999	43.8	...
Botetourt	8,850	4,129	46.7	...
Brunswick	6,146	2,879	46.8	...

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TABLE 13.14A
Labor Force Status for Females in Virginia's
Counties and Cities: 1980, *CONTINUED*

	Females 16 Years & Over			
	Total	In the Labor Force		
		Total	Percent of All Females 16 Years & Over	Armed Forces
Buchanan	13,296	3,797	28.6	...
Buckingham	4,496	2,009	44.7	10
Campbell	17,125	9,153	53.4	...
Caroline	6,658	3,400	51.1	...
Carroll	10,810	5,433	50.3	...
Charles City	2,470	1,441	58.3	...
Charlotte	4,688	2,036	43.4	3
Chesterfield	52,304	30,183	57.7	52
Clarke	3,945	1,908	48.4	5
Craig	1,545	691	44.7	...
Culpeper	8,857	4,217	47.6	...
Cumberland	3,015	1,340	44.4	...
Dickenson	7,207	1,627	22.6	...
Dinwiddie	8,519	4,071	47.8	...
Essex	3,598	1,700	47.2	...
Fairfax	227,941	140,685	61.7	1,483
Fauquier	13,416	6,970	52.0	92
Floyd	4,452	2,025	45.5	...
Fluvanna	3,913	2,053	52.5	...
Franklin	13,790	6,777	49.1	3
Frederick	12,580	6,679	53.1	...
Giles	6,983	3,190	45.7	...
Gloucester	7,934	3,609	45.5	5
Goochland	4,560	2,095	45.9	...
Grayson	6,675	3,297	49.4	...
Greene	2,785	1,649	59.2	...
Greensville	4,078	2,059	50.5	...
Halifax	11,934	5,832	48.9	...
Hanover	19,352	10,625	54.9	...
Henrico	75,794	44,818	59.1	15
Henry	22,289	13,398	60.1	...
Highland	1,182	488	41.3	...
Isle of Wight	8,305	3,924	47.2	...
James City	8,822	4,775	54.1	43
King and Queen	2,282	978	42.9	...
King George	3,771	1,800	47.7	50
King William	3,631	1,749	48.2	...
Lancaster	4,427	1,960	44.3	...
Lee	9,943	3,009	30.3	...
Loudoun	21,094	12,016	57.0	25
Louisa	6,762	3,276	48.4	...
Lunenburg	4,854	2,240	46.1	...
Madison	4,077	1,879	46.1	...
Mathews	3,410	1,386	40.6	8
Mecklenburg	11,698	5,781	49.4	6
Middlesex	3,259	1,319	40.5	7
Montgomery	24,674	12,056	48.9	...
Nelson	4,486	1,986	41.5	5
New Kent	3,194	1,702	53.3	...
Northampton	6,046	2,665	44.1	5
Northumberland	4,155	1,630	39.2	...
Nottoway	6,027	2,750	45.6	19

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TABLE 13.14A
Labor Force Status for Females in Virginia's
Counties and Cities: 1980, *CONTINUED*

Females 16 Years & Over				
In the Labor Force				
	Total	Total	Percent of All Females 16 Years & Over	Armed Forces
Orange	7,133	3,388	47.5	...
Page	7,665	3,472	45.3	6
Patrick	6,885	3,694	53.7	...
Pittsylvania	25,734	13,577	52.8	10
Powhatan	4,051	2,068	51.0	...
Prince Edward	7,223	2,936	40.6	...
Prince George	7,944	4,355	54.5	735
Prince William	48,865	29,586	60.5	566
Pulaski	13,708	6,810	49.7	...
Rappahannock	2,350	1,108	47.1	...
Richmond	2,749	1,323	48.1	...
Roanoke	29,614	15,431	52.1	...
Rockbridge	6,953	3,223	46.4	...
Rockingham	22,654	11,904	52.5	14
Russell	11,873	3,696	31.1	...
Scott	9,923	3,074	31.0	13
Shenandoah	11,132	5,388	48.4	...
Smyth	13,538	6,250	46.2	...
Southampton	6,843	2,992	43.7	...
Spotsylvania	12,189	6,310	51.8	12
Stafford	13,787	7,162	51.9	70
Surry	2,314	1,100	47.5	...
Sussex	4,224	2,036	48.2	...
Tazewell	19,474	6,843	35.1	...
Warren	8,536	4,051	47.5	...
Washington	18,289	7,978	43.6	6
Westmoreland	5,613	2,453	43.7	7
Wise	16,541	5,309	32.1	...
Wythe	10,218	5,057	49.5	...
York	12,476	6,972	55.9	131
Cities				
Alexandria	46,836	31,147	66.5	489
Bedford	2,580	1,266	49.1	...
Bristol	8,608	3,928	45.6	3
Buena Vista	2,763	1,388	50.2	...
Charlottesville	17,975	10,031	55.8	17
Chesapeake	42,895	21,584	50.3	156
Clifton Forge	2,274	916	40.3	...
Colonial Heights	6,794	3,453	50.8	20
Covington	3,843	1,612	41.9	...
Danville	20,285	10,246	50.5	...
Emporia	2,112	997	47.2	...
Fairfax	7,763	4,854	62.5	12
Falls Church	4,286	2,477	57.8	8
Franklin	2,998	1,240	41.4	...
Fredericksburg	7,553	3,653	48.4	6
Galax	2,858	1,389	48.6	...
Hampton	47,275	24,983	52.8	890
Harrisonburg	9,370	4,543	48.5	...
Hopewell	9,399	4,310	45.9	87
Lexington	2,278	974	42.8	...

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TABLE 13.14A
Labor Force Status for Females in Virginia's
Counties and Cities: 1980, *CONTINUED*

Females 16 Years & Over				
	In the Labor Force			
	Total	Total	Percent of All Females 16 Years & Over	Armed Forces
Lynchburg	29,482	14,863	50.4	...
Manassas	5,651	3,254	57.6	14
Manassas Park	2,200	1,371	62.3	...
Martinsville	7,902	3,873	49.0	...
Newport News	55,307	29,146	52.7	868
Norfolk	96,360	45,108	46.8	1,845
Norton	1,979	694	35.1	...
Petersburg	17,194	8,757	50.9	104
Poquoson	3,184	1,598	50.2	28
Portsmouth	42,294	19,719	46.6	255
Radford	6,742	2,968	44.0	...
Richmond	98,838	52,929	53.6	54
Roanoke	43,735	21,235	48.6	...
Salem	10,157	5,344	52.6	...
South Boston	3,111	1,641	52.7	...
Staunton	9,861	5,093	51.6	...
Suffolk	18,857	8,967	47.6	...
Virginia Beach	94,582	52,820	55.8	1,217
Waynesboro	6,436	3,276	50.9	...
Williamsburg	4,997	2,294	45.9	...
Winchester	8,918	4,508	50.5	5
MSAs				
Bristol (Va. portion)	36,820	14,980	NC	22
Charlottesville	47,207	26,253	NC	35
Danville	46,019	23,823	NC	10
Lynchburg	58,374	29,747	NC	...
Norfolk	434,983	221,575	NC	5,238
Northern Virginia	448,005	277,235	NC	3,778
Richmond	310,413	170,807	NC	1,067
Roanoke	92,356	46,139	NC	...
Planning Districts				
LENOWISCO	38,386	12,086	NC	13
Cumberland Plateau	51,850	15,963	NC	...
Mount Rogers	73,275	34,331	NC	9
New River Valley	56,559	27,049	NC	...
Fifth	105,432	51,506	NC	...
Central Shenandoah	84,702	42,373	NC	14
Lord Fairfax	52,776	26,006	NC	16
Northern Virginia	434,218	270,073	NC	3,708
Rappahannock-Rapidan	35,833	17,562	NC	92
Thomas Jefferson	58,455	31,515	NC	40
Central Virginia	78,836	39,908	NC	...
West Piedmont	96,885	51,565	NC	13
Southside	32,889	16,133	NC	6
Piedmont	33,535	14,788	NC	32
Richmond Regional	260,563	145,861	NC	121
RADCO	43,958	22,325	NC	138
Northern Neck	16,944	7,366	NC	7

CONTINUED ➡



TABLE 13.14A
Labor Force Status for Females in Virginia's
Counties and Cities: 1980, CONTINUED

Females 16 Years & Over				
In the Labor Force				
	Total	Total	Percent of All Females 16 Years & Over	Armed Forces
Middle Peninsula	24,114	10,741	NC	20
Crater	62,578	31,138	NC	946
Southeastern Virginia	313,134	156,354	NC	3,273
Peninsula	132,061	69,768	NC	1,960
Accomack-Norhampton	19,098	8,781	NC	5

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population. *General Social and Economic Characteristics Virginia*. U.S. Government Printing Office, Washington, D.C., 1983.

NOTES: NC—Not computed.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 13.14B
Labor Force Status for Females in Virginia's
Counties and Cities: 1980, Continued

Females 16 Years & Over						
In the Labor Force						
Civilian Labor Force				Not in the Labor Force		
	Total	Employed	Unemployed	Percent Unemployed	Total	Inmate of Institution
Virginia	1,092,770	1,034,532	58,247	5.3%	1,003,239	22,851
Counties						
Accomack	6,116	5,554	562	9.2	6,936	245
Albemarle	12,502	12,126	376	3.0	10,014	175
Alleghany	2,148	1,990	158	7.4	3,266	15
Amelia	1,477	1,426	51	3.5	1,755	15
Amherst	5,731	5,503	228	4.0	6,036	1,005
Appomattox	2,499	2,306	193	7.7	2,139	37
Arlington	43,572	42,175	1,400	3.2	24,899	356
Augusta	10,407	9,917	490	4.7	10,668	913
Bath	1,077	955	122	11.3	1,053	...
Bedford	6,396	6,032	364	5.7	6,848	84
Bland	999	963	36	3.6	1,280	...
Botetourt	4,129	3,985	144	3.5	4,721	51
Brunswick	2,879	2,729	150	5.2	3,267	7
Buchanan	3,797	3,554	243	6.4	9,499	18
Buckingham	1,999	1,886	113	5.7	2,487	...

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TABLE 13.14B
Labor Force Status for Females in Virginia's
Counties and Cities: 1980, *CONTINUED*

Females 16 Years & Over						
	In the Labor Force				Not in the Labor Force	
	Civilian Labor Force			Percent Unemployed	Total	Inmate of Institution
	Total	Employed	Unemployed			
Campbell	9,153	8,730	423	4.6	7,972	...
Caroline	3,400	3,150	250	7.4	3,258	25
Carroll	5,433	5,227	206	3.8	5,377	59
Charles City	1,441	1,362	79	5.5	1,029	...
Charlotte	2,033	1,929	104	5.1	2,652	32
Chesterfield	30,131	28,981	1,150	3.8	22,121	330
Clarke	1,903	1,821	82	4.3	2,037	83
Craig	691	641	50	7.2	854	...
Culpeper	4,217	3,984	233	5.5	4,640	231
Cumberland	1,340	1,244	96	7.2	1,675	...
Dickenson	1,627	1,446	181	11.1	5,580	...
Dinwiddie	4,071	3,842	229	5.6	4,448	811
Essex	1,700	1,651	49	2.9	1,898	96
Fairfax	139,202	135,057	4,145	3.0	87,256	953
Fauquier	6,878	6,596	282	4.1	6,446	93
Floyd	2,025	1,942	83	4.1	2,427	45
Fluvanna	2,053	1,956	97	4.7	1,860	...
Franklin	6,774	6,402	372	5.5	7,013	80
Frederick	6,679	6,150	529	7.9	5,901	44
Giles	3,190	2,965	225	7.1	3,793	11
Gloucester	3,604	3,398	206	5.7	4,325	50
Goochland	2,095	2,028	67	3.2	2,465	295
Grayson	3,297	3,092	205	6.2	3,378	15
Greene	1,649	1,603	46	2.8	1,136	...
Greensville	2,059	1,890	169	8.2	2,019	11
Halifax	5,832	5,391	441	7.6	6,102	...
Hanover	10,625	10,359	266	2.5	8,727	91
Henrico	44,803	43,359	1,444	3.2	30,976	1,558
Henry	13,398	12,926	472	3.5	8,891	...
Highland	488	468	20	4.1	694	...
Isle of Wight	3,924	3,733	191	4.9	4,381	13
James City	4,732	4,444	288	6.1	4,047	528
King and Queen	978	887	91	9.3	1,304	...
King George	1,750	1,651	99	5.7	1,971	...
King William	1,749	1,682	67	3.8	1,882	...
Lancaster	1,960	1,826	134	6.8	2,467	100
Lee	3,009	2,760	249	8.3	6,934	57
Loudoun	11,991	11,623	368	3.1	9,078	142
Louisa	3,276	3,105	171	5.2	3,486	...
Lunenburg	2,240	2,114	126	5.6	2,614	...
Madison	1,879	1,791	88	4.7	2,198	40
Mathews	1,378	1,327	51	3.7	2,024	72
Mecklenburg	5,775	5,474	301	5.2	5,917	113
Middlesex	1,312	1,241	71	5.4	1,940	77
Montgomery	12,056	11,344	712	5.9	12,618	128
Nelson	1,981	1,878	103	5.2	2,800	50
New Kent	1,702	1,630	72	4.2	1,492	6
Northampton	2,660	2,364	296	11.1	3,381	...
Northumberland	1,630	1,486	144	8.8	2,525	...
Nottoway	2,731	2,519	212	7.8	3,277	273
Orange	3,388	3,214	174	5.1	3,745	99
Page	3,466	3,184	282	8.1	4,193	76

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TABLE 13.14B
Labor Force Status for Females in Virginia's
Counties and Cities: 1980, *CONTINUED*

Females 16 Years & Over						
	In the Labor Force				Not in the Labor Force	
	Civilian Labor Force			Percent Unemployed	Total	Inmate of Institution
	Total	Employed	Unemployed			
Patrick	3,694	3,603	91	2.5	3,191	87
Pittsylvania	13,567	12,722	845	6.2	12,157	36
Powhatan	2,068	1,991	77	3.7	1,983	...
Prince Edward	2,936	2,725	211	7.2	4,287	95
Prince George	3,620	3,325	295	8.1	3,639	10
Prince William	29,020	27,708	1,312	4.5	19,279	101
Pulaski	6,810	6,450	360	5.3	6,898	190
Rappahannock	1,108	1,058	50	4.5	1,242	...
Richmond	1,323	1,254	69	5.2	1,426	...
Roanoke	15,431	14,910	521	3.4	14,183	931
Rockbridge	3,223	3,023	200	6.2	3,730	...
Rockingham	11,890	11,594	296	2.5	10,750	171
Russell	3,696	3,463	233	6.3	8,177	47
Scott	3,061	2,818	243	7.9	6,849	...
Shenandoah	5,388	5,192	196	3.6	5,744	119
Smyth	6,250	5,862	388	6.2	7,288	354
Southampton	2,992	2,762	230	7.7	3,851	12
Spotsylvania	6,298	5,845	453	7.2	5,879	84
Stafford	7,092	6,709	383	5.4	6,625	125
Surry	1,100	1,003	97	8.8	1,214	...
Sussex	2,036	1,903	133	6.5	2,188	...
Tazewell	6,843	6,308	535	7.8	12,631	126
Warren	4,051	3,833	218	5.4	4,485	33
Washington	7,972	7,394	578	7.3	10,311	239
Westmoreland	2,446	2,240	206	8.4	3,160	6
Wise	5,309	4,929	380	7.2	11,232	...
Wythe	5,057	4,824	233	4.6	5,161	145
York	6,841	6,397	444	6.5	5,504	...
Cities						
Alexandria	30,658	29,610	1,048	3.4	15,689	541
Bedford	1,263	1,171	95	7.5	1,314	118
Bristol	3,925	3,550	375	9.6	4,680	58
Buena Vista	1,388	1,267	121	8.7	1,375	...
Charlottesville	10,014	9,741	273	2.7	7,944	194
Chesapeake	21,428	19,929	1,499	7.0	21,311	469
Clifton Forge	916	880	36	3.9	1,358	160
Colonial Heights	3,433	3,270	163	4.7	3,341	85
Covington	1,612	1,506	106	6.6	2,231	...
Danville	10,246	9,533	713	7.0	10,039	303
Emporia	997	891	106	10.6	1,115	80
Fairfax	4,842	4,702	140	2.9	2,909	165
Falls Church	2,469	2,450	39	1.6	1,809	25
Franklin	1,240	1,103	137	11.0	1,758	45
Fredericksburg	3,647	3,404	243	6.7	3,900	50
Galax	1,389	1,331	58	4.2	1,465	32
Hampton	24,093	21,907	2,186	9.1	22,292	245
Harrisonburg	4,543	4,364	179	3.9	4,827	261
Hopewell	4,223	3,933	290	6.9	5,089	201
Lexington	974	913	61	6.3	1,304	...
Lynchburg	14,863	14,238	625	4.2	14,619	558
Manassas	3,240	3,121	119	3.7	2,397	221

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TABLE 13.14B
Labor Force Status for Females in Virginia's
Counties and Cities: 1980, *CONTINUED*

Females 16 Years & Over						
	In the Labor Force				Not in the Labor Force	
	Civilian Labor Force				Total	Inmate of Institution
	Total	Employed	Unemployed	Percent Unemployed		
Manassas Park	1,371	1,317	54	3.9	829	...
Martinsville	3,873	3,709	164	4.2	4,029	291
Newport News	28,278	25,719	2,559	9.0	26,161	793
Norfolk	43,463	39,489	3,974	9.1	51,252	762
Norton	694	669	25	3.6	1,285	...
Petersburg	8,653	7,888	765	8.8	8,437	236
Poquoson	1,570	1,476	94	6.0	1,586	...
Portsmouth	19,464	17,713	1,751	9.0	22,575	463
Radford	2,968	2,779	189	6.4	3,774	...
Richmond	52,875	49,570	3,305	6.3	45,909	1,940
Roanoke	21,235	20,074	1,161	5.5	22,500	401
Salem	5,344	5,121	223	4.2	4,813	219
South Boston	1,641	1,578	63	3.8	1,470	109
Staunton	5,093	4,908	185	3.6	4,768	211
Suffolk	8,967	8,139	828	9.2	3,890	243
Virginia Beach	51,603	48,299	3,304	6.4	41,762	523
Waynesboro	3,276	3,079	197	6.0	3,160	...
Williamsburg	2,294	2,210	84	3.7	2,703	106
Winchester	4,503	4,191	312	6.9	4,410	224
MSAs						
Bristol (Va. portion)	14,958	13,762	1,196	8.0	21,840	297
Charlottesville	26,218	25,426	792	3.0	20,954	369
Danville	23,813	22,255	1,558	6.5	22,196	339
Lynchburg	29,747	28,471	1,276	4.3	28,627	1,563
Norfolk	216,337	199,120	17,217	8.0	213,408	4,182
Northern Virginia	273,457	264,452	9,008	3.3	170,770	2,629
Richmond	169,740	161,538	8,202	4.8	139,656	5,563
Roanoke	46,139	44,090	2,049	4.4	46,217	1,602
Planning Districts						
LENOWISCO	12,073	11,176	897	7.4	26,300	57
Cumberland Plateau	15,963	14,771	1,192	7.5	35,887	191
Mount Rogers	34,322	32,243	2,079	6.1	38,944	902
New River Valley	27,049	25,480	1,569	5.8	29,510	374
Fifth	51,506	49,107	2,399	4.7	53,926	1,777
Central Shenandoah	42,359	40,488	1,871	4.4	42,329	1,556
Lord Fairfax	25,990	24,371	1,619	6.2	26,770	579
Northern Virginia	266,365	257,743	8,625	3.2	164,145	2,504
Rappahannock-Rapidan	17,470	16,643	827	4.7	18,271	463
Thomas Jefferson	31,475	30,409	1,066	3.4	27,240	419
Central Virginia	39,908	37,980	1,928	4.8	38,928	1,802
West Piedmont	51,552	48,895	2,657	5.2	45,320	797
Southside	16,127	15,172	955	5.9	16,756	229
Piedmont	14,756	13,843	913	6.2	18,747	415
Richmond Regional	145,740	139,280	6,460	4.4	114,702	4,220
RADCO	22,187	20,759	1,428	6.4	21,633	284
Northern Neck	7,359	6,806	553	7.5	9,578	106

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TABLE 13.14B
Labor Force Status for Females in Virginia's
Counties and Cities: 1980, *CONTINUED*

Females 16 Years & Over						
In the Labor Force						
Civilian Labor Force				Not in the Labor Force		
Total	Employed	Unemployed	Percent Unemployed	Total	Inmate of Institution	
Middle Peninsula	10,721	10,186	535	5.0	13,373	295
Crater	30,192	27,945	2,247	7.4	31,490	1,434
Southeastern Virginia	153,081	141,167	11,914	7.8	156,780	2,530
Peninsula	67,808	62,153	5,655	8.3	62,293	1,672
Accomack-Norhampton	8,776	7,918	858	9.8	10,317	245

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population. *General Social and Economic Characteristics Virginia*. U.S. Government Printing Office, Washington, D.C., 1983.

NOTES: A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
 A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 13.15A
Employment Status for the Experienced Civilian Labor Force by
Occupation for the U.S., Virginia, and Surrounding States: 1987

Occupational Group						
Total Civilian Labor Force	Managerial & Professional Specialty			Technical, Sales, & Administrative Support		
	Executive, Administrative, & Managerial	Professional Specialty		Technicians & Related Support	Sales	Administrative Support, Including Clerical
United States	119,865	13,670	14,732	3,450	14,172	19,062
Virginia	2,971	402	383	113	321	464
Delaware	331	40	39	13	40	60
District of Columbia	331	51	65	14	22	71
Florida	5,835	724	661	148	820	951
Georgia	3,025	326	320	91	352	495
Kentucky	1,660	133	177	(C)	188	209
Maryland	2,389	328	353	78	273	438
North Carolina	3,258	307	332	88	362	460
South Carolina	1,617	152	164	39	187	229
Tennessee	2,310	209	228	71	230	340
West Virginia	739	58	82	(C)	84	92

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics. *Geographic Profile of Employment and Unemployment, 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In thousands. For civilian noninstitutional population, 16 years old and over. Excludes persons with no previous work experience. Annual averages.

C—Data are not shown when the labor force base does not meet BLS publication standards of reliability for the particular area, based on the sample in that area.

TABLE 13.15B**Employment Status for the Experienced Civilian Labor Force by Occupation for the U.S., Virginia, and Surrounding States: 1987, Continued**

	Occupational Group					
	Service Occupations	Precision Production, Craft, & Repair	Machine Operators, Assemblers, & Inspectors	Transportation & Material Moving	Handlers, Equipment Cleaners, Helpers, & Laborers	Farming, Forestry, & Fishing
United States	16,320	14,446	8,776	5,079	5,457	3,781
Virginia	377	364	185	133	139	88
Delaware	45	40	19	14	16	(C)
District of Columbia	62	16	(C)	13	11	(C)
Florida	851	755	265	227	246	185
Georgia	390	416	271	148	152	64
Kentucky	242	235	148	113	96	83
Maryland	311	279	91	93	106	(C)
North Carolina	378	455	451	138	188	98
South Carolina	208	228	220	65	85	42
Tennessee	304	334	288	97	128	78
West Virginia	114	110	51	54	57	19

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment, 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In thousands. For civilian noninstitutional population, 16 years old and over. Excludes persons with no previous work experience. Annual averages.

C—Data are not shown when the labor force base does not meet BLS publication standards of reliability for the particular area, based on the sample in that area.

TABLE 13.16**Occupational Distributions for Employed Workers in Virginia's Counties and Cities: 1980**

	Total Employed	Occupational Group					
		Managerial & Professional Speciality	Technical, Sales, & Administrative Support	Service	Farming, Forestry, & Fishing	Precision Production, Craft, & Repair	Operators, Fabricators, & Laborers
Virginia	2,348,401	582,904	704,922	287,471	56,212	300,867	416,025
Counties							
Accomack	12,589	1,737	2,995	1,601	1,261	1,479	3,516
Albemarle	26,617	8,287	8,292	3,168	1,000	2,574	3,296
Alleghany	5,593	853	1,219	734	119	1,121	1,547
Amelia	3,487	412	650	504	409	568	944
Amherst	12,179	2,062	3,104	1,898	244	1,823	3,048
Appomattox	5,273	650	1,233	519	285	698	1,888
Arlington	85,812	36,450	31,405	8,645	422	4,728	4,162
Augusta	24,082	3,626	5,641	3,112	1,576	3,566	6,561
Bath	2,656	443	539	706	152	362	454
Bedford	15,310	2,495	3,782	1,554	836	2,373	4,270

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TABLE 13.16
Occupational Distributions for Employed Workers
in Virginia's Counties and Cities: 1980, *CONTINUED*

	Total Employed	Occupational Group					
		Managerial & Professional Specialty	Technical, Sales, & Administrative Support	Service	Farming, Forestry, & Fishing	Precision Production, Craft, & Repair	Operators, Fabricators, & Laborers
Bland	2,418	286	517	269	190	365	791
Botetourt	10,280	2,014	2,749	1,170	511	1,345	2,491
Brunswick	6,176	871	1,257	746	617	661	2,024
Buchanan	11,718	1,650	2,022	1,266	90	3,859	2,831
Buckingham	4,512	485	741	686	449	654	1,497
Campbell	20,960	3,486	5,626	1,927	591	3,400	5,930
Caroline	7,266	955	1,648	1,043	314	1,200	2,106
Carroll	11,876	1,442	1,896	874	612	1,964	5,088
Charles City	3,118	389	696	483	117	272	1,161
Charlotte	4,676	574	843	460	508	687	1,604
Chesterfield	69,539	19,112	24,230	5,563	424	10,039	10,171
Clarke	4,472	889	1,135	563	427	611	847
Craig	1,637	219	381	167	125	244	501
Culpeper	9,678	1,703	2,534	1,246	769	1,426	2,000
Cumberland	2,972	407	709	441	373	439	603
Dickenson	5,327	610	874	552	75	1,758	1,458
Dinwiddie	8,865	1,166	1,967	1,361	463	1,428	2,480
Essex	3,861	636	871	535	205	519	1,095
Fairfax	301,034	123,152	108,619	28,062	1,831	22,414	16,956
Fauquier	16,176	3,534	4,397	2,115	1,421	2,573	2,136
Floyd	4,825	545	903	448	486	787	1,656
Fluvanna	4,460	702	1,149	732	179	814	884
Franklin	15,783	2,176	3,163	1,482	1,028	2,506	5,426
Frederick	15,631	2,627	3,863	1,675	691	2,472	4,303
Giles	7,158	980	1,434	990	112	1,209	2,433
Gloucester	8,546	1,791	2,268	1,100	481	1,541	1,365
Goochland	5,023	903	1,353	867	254	682	964
Grayson	7,142	759	1,142	671	400	1,130	3,040
Greene	3,625	529	1,016	380	150	666	884
Greensville	4,399	504	933	703	200	612	1,477
Halifax	12,431	1,454	2,371	1,188	1,262	1,712	4,444
Hanover	24,771	4,985	8,909	2,499	689	3,943	3,746
Henrico	93,993	23,844	37,094	8,912	574	11,478	12,091
Henry	28,431	3,304	5,758	2,534	332	4,630	11,873
Highland	1,257	157	192	133	227	243	305
Isle of Wight	9,471	1,536	2,181	969	600	1,779	2,406
James City	10,270	2,695	2,470	2,216	311	1,087	1,491
King and Queen	2,361	260	535	286	256	366	658
King George	4,206	1,066	1,209	464	161	629	877
King William	4,076	671	1,094	542	247	574	948
Lancaster	3,924	630	896	725	269	500	904
Lee	7,610	1,150	1,535	715	556	1,402	2,252
Loudoun	27,994	8,009	9,759	3,323	1,277	3,299	2,277
Louisa	7,369	953	1,589	866	403	1,329	2,229
Lunenburg	5,052	557	987	498	433	738	1,839
Madison	4,366	640	767	585	488	756	1,130
Mathews	3,189	574	793	417	240	547	618
Mecklenburg	12,466	1,845	2,493	1,403	1,005	1,820	3,900
Middlesex	3,102	515	832	413	257	436	649
Montgomery	26,431	7,311	7,348	3,802	557	3,146	4,267
Nelson	4,643	647	1,179	551	297	661	1,308
New Kent	3,990	680	1,102	542	94	790	782
Northampton	5,481	771	1,080	1,052	599	634	1,345
Northumberland	3,555	554	798	451	368	492	892
Nottoway	5,828	903	1,154	895	396	855	1,625

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TABLE 13.16
Occupational Distributions for Employed Workers
in Virginia's Counties and Cities: 1980, *CONTINUED*

	Total Employed	Occupational Group					
		Managerial & Professional Specialty	Technical, Sales, & Administrative Support	Service	Farming, Forestry, & Fishing	Precision Production, Craft, & Repair	Operators, Fabricators, & Laborers
Orange	7,696	1,165	1,799	843	597	1,228	2,064
Page	7,726	780	1,385	893	529	1,581	2,558
Patrick	8,171	808	1,231	718	652	1,217	3,545
Pittsylvania	29,612	3,031	5,900	2,886	1,722	4,283	11,790
Powhatan	5,070	893	1,430	608	227	750	1,162
Prince Edward	6,137	1,270	1,389	997	397	715	1,369
Prince George	7,512	1,341	2,261	1,053	209	1,072	1,576
Prince William	63,881	17,527	23,585	7,403	664	8,086	6,616
Pulaski	15,200	2,263	3,350	1,785	393	2,616	4,793
Rappahannock	2,517	314	533	333	295	373	669
Richmond	2,946	467	772	262	299	441	705
Roanoke	35,004	9,889	12,714	3,332	214	3,895	4,960
Rockbridge	7,616	1,320	1,524	1,032	487	1,114	2,139
Rockingham	27,457	4,990	6,184	2,893	2,401	4,196	7,393
Russell	10,455	1,595	2,033	943	516	2,610	2,758
Scott	8,098	1,080	1,580	731	356	1,441	2,910
Shenandoah	12,575	1,642	2,372	1,465	695	2,310	4,091
Smyth	13,515	1,967	2,633	1,990	517	1,925	4,483
Southampton	7,233	1,151	1,470	1,049	911	807	1,845
Spotsylvania	14,588	3,256	4,017	1,723	334	2,371	2,887
Stafford	17,063	4,084	5,131	2,068	277	2,947	2,556
Surry	2,461	283	384	459	307	451	577
Sussex	4,514	612	830	735	367	533	1,437
Tazewell	17,695	3,125	4,205	2,074	361	4,197	3,733
Warren	9,044	1,423	2,254	1,130	261	1,757	2,219
Washington	18,792	3,305	4,150	2,127	1,172	2,707	5,331
Westmoreland	5,243	800	1,146	590	419	794	1,494
Wise	14,064	2,775	3,369	1,404	106	3,524	2,886
Wythe	10,966	1,736	2,366	1,388	436	1,731	3,309
York	14,053	3,652	4,421	2,176	194	1,959	1,651
Cities							
Alexandria	60,138	24,364	21,318	6,567	347	3,528	4,014
Bedford	2,566	566	634	355	26	297	688
Bristol	7,922	1,435	2,672	899	47	889	1,980
Buena Vista	2,846	484	699	314	47	392	910
Charlottesville	19,473	6,189	6,147	3,131	284	1,461	2,261
Chesapeake	47,390	9,684	14,130	5,631	580	9,146	8,219
Clifton Forge	1,976	412	549	326	15	268	406
Colonial Heights	7,732	1,840	2,974	749	49	979	1,141
Covington	3,583	412	961	600	5	496	1,089
Danville	20,300	3,818	5,346	2,837	92	2,516	5,691
Emporia	1,964	303	598	299	28	321	415
Fairfax	10,555	3,502	3,988	1,075	69	1,012	909
Falls Church	5,238	2,396	1,831	380	9	389	233
Franklin	2,806	470	671	433	51	373	808
Fredericksburg	6,850	1,823	2,178	1,195	35	670	949
Galax	2,875	493	574	360	19	319	1,090
Hampton	48,363	10,290	15,339	7,022	459	8,008	7,245
Harrisonburg	8,878	2,498	2,621	1,691	119	669	1,280
Hopewell	9,516	1,479	2,722	1,269	50	1,483	2,513
Lexington	2,361	896	504	497	34	184	266
Lynchburg	30,318	8,084	9,308	4,889	135	2,802	5,100
Manassas	7,488	2,407	2,691	671	45	1,029	645
Manassas Park	2,961	420	924	357	29	781	470

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TABLE 13.16
Occupational Distributions for Employed Workers
in Virginia's Counties and Cities: 1980, *CONTINUED*

	Total Employed	Occupational Group					
		Managerial & Professional Specialty	Technical, Sales, & Administrative Support	Service	Farming, Forestry, & Fishing	Precision Production, Craft, & Repair	Operators, Fabricators, & Laborers
Martinsville	7,919	1,729	1,779	878	60	862	2,611
Newport News	58,981	13,421	17,026	8,430	412	10,019	9,673
Norfolk	86,015	17,603	27,265	14,267	978	11,527	14,375
Norton	1,646	341	380	244	...	351	330
Petersburg	16,789	3,057	4,016	3,853	66	1,618	4,179
Poquoson	3,763	862	1,280	319	176	659	467
Portsmouth	40,003	7,747	11,577	6,148	280	6,856	7,395
Radford	5,402	1,379	1,557	1,043	22	569	832
Richmond	99,667	24,032	31,075	17,349	473	8,357	18,381
Roanoke	43,674	8,606	13,632	7,083	316	5,123	8,914
Salem	11,079	2,470	3,719	1,468	22	1,422	1,978
South Boston	3,006	665	758	394	8	378	803
Staunton	10,243	2,369	2,934	1,871	98	1,000	1,971
Suffolk	19,439	3,010	4,735	2,560	640	3,199	5,295
Virginia Beach	105,894	30,699	37,180	12,733	1,151	13,781	10,350
Waynesboro	7,200	1,401	1,963	1,012	76	930	1,818
Williamsburg	4,404	1,513	1,379	906	88	163	355
Winchester	9,326	1,967	2,949	1,257	162	1,035	1,956
MSAs							
Bristol (Va. portion)	34,812	5,820	8,402	3,757	1,575	5,037	10,221
Charlottesville	54,175	15,707	16,604	7,411	1,613	5,515	7,325
Danville	49,912	6,849	11,246	5,723	1,814	6,799	17,481
Lynchburg	63,457	13,632	18,038	8,714	970	8,025	14,078
Norfolk	447,121	102,967	139,070	63,508	5,750	67,945	67,881
Northern Virginia	582,164	222,311	209,251	58,551	4,970	48,193	38,838
Richmond	355,585	83,721	119,829	45,108	3,689	42,891	60,347
Roanoke	100,037	22,979	32,814	13,053	1,063	11,785	18,343
Planning Districts							
LENOWISCO	31,418	5,346	6,864	3,094	1,018	6,718	8,378
Cumberland Plateau	45,195	6,980	9,134	4,835	1,042	12,424	10,780
Mount Rogers	75,506	11,423	15,950	8,598	3,393	11,030	25,112
New River Valley	59,016	12,478	14,592	8,068	1,570	8,327	13,981
Fifth	112,806	24,875	35,924	14,880	1,327	13,914	21,886
Central Shenandoah	94,596	17,584	22,801	13,261	5,217	12,636	23,097
Lord Fairfax	58,774	9,328	13,958	6,983	2,765	9,766	15,974
Northern Virginia	565,101	218,227	204,120	56,483	4,693	45,246	36,282
Rappahannock-Rapidan	40,433	7,356	10,030	5,122	3,570	6,356	7,999
Thomas Jefferson	66,187	17,307	19,372	8,828	2,313	7,505	10,862
Central Virginia	86,606	17,343	23,687	11,142	2,117	11,393	20,924
West Piedmont	110,216	14,868	23,177	11,335	3,886	16,014	40,936
Southside	34,079	4,835	6,879	3,731	2,892	4,571	11,171
Piedmont	32,664	4,608	6,473	4,481	2,965	4,656	9,481
Richmond Regional	305,171	74,838	105,889	36,823	2,852	36,311	48,458
RADCO	49,973	11,184	14,183	6,493	1,121	7,817	9,175
Northern Neck	15,668	2,451	3,612	2,028	1,355	2,227	3,995

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TABLE 13.16
Occupational Distributions for Employed Workers
in Virginia's Counties and Cities: 1980, *CONTINUED*

	Total Employed	Occupational Group					
		Managerial & Professional Specialty	Technical, Sales, & Administrative Support	Service	Farming, Forestry, & Fishing	Precision Production, Craft, & Repair	Operators, Fabricators, & Laborers
Middle Peninsula	25,135	4,447	6,393	3,293	1,686	3,983	5,333
Crater	63,752	10,585	16,685	10,481	1,739	8,497	15,795
Southeastern Virginia	318,251	71,900	99,209	43,790	5,191	47,468	50,693
Peninsula	139,834	32,433	41,915	21,069	1,640	21,895	20,882
Accomack-Norhampton	18,070	2,508	4,075	2,653	1,860	2,113	4,861

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population. *General Social and Economic Characteristics Virginia*. U.S. Government Printing Office, Washington, D.C., 1983.

NOTES: Age 16 and over, enumerated by place of residence.
 A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
 A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 13.17
Occupational Distributions for Employed Females
in Virginia's Counties and Cities: 1980

	Employed Females	Occupational Group					
		Managerial & Professional Specialty	Technical, Sales, & Administrative Support	Service	Farming, Forestry, & Fishing	Precision Production, Craft, & Repair	Operators, Fabricators, & Laborers
Virginia	1,034,532	244,983	453,600	174,797	7,521	22,916	130,715
Counties							
Accomack	5,554	760	1,826	1,164	131	171	1,502
Albemarle	12,126	3,618	5,292	1,689	146	233	1,148
Alleghany	1,990	366	739	471	14	67	333
Amelia	1,426	249	471	371	39	43	307
Amherst	5,503	944	2,105	1,418	35	88	913
Appomattox	2,306	303	775	314	...	85	829
Arlington	42,172	15,765	20,708	4,369	110	387	833
Augusta	9,917	1,419	3,602	1,967	245	415	2,269
Bath	955	163	332	341	15	...	104
Bedford	6,032	966	2,367	1,000	108	188	1,403
Bland	963	143	318	115	30	14	343
Botetourt	3,985	841	1,653	831	43	81	536
Brunswick	2,729	399	791	518	24	55	942
Buchanan	3,554	793	1,521	955	11	63	211
Buckingham	1,886	270	539	421	5	40	611
Campbell	8,730	1,369	3,456	1,146	83	312	2,364
Caroline	3,150	434	1,125	733	41	157	660
Carroll	5,227	748	1,224	527	58	161	2,509
Charles City	1,362	241	449	333	7	36	296
Charlotte	1,929	320	492	319	30	124	644

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TABLE 13.17

Occupational Distributions for Employed Females in Virginia's Counties and Cities: 1980, *CONTINUED*

	Employed Females	Occupational Group					
		Managerial & Professional Speciality	Technical, Sales, & Administrative Support	Service	Farming, Forestry, & Fishing	Precision Production, Craft, & Repair	Operators, Fabricators, & Laborers
Chesterfield	28,981	7,513	15,460	2,971	76	539	2,422
Clarke	1,821	393	678	359	49	50	292
Craig	641	110	260	111	7	19	134
Culpeper	3,984	645	1,669	807	100	100	663
Cumberland	1,244	191	520	253	44	34	202
Dickenson	1,446	222	571	332	...	35	286
Dinwiddie	3,842	642	1,314	909	58	118	801
Essex	1,651	275	602	415	13	67	279
Fairfax	135,057	45,133	69,117	15,209	413	1,609	3,576
Fauquier	6,596	1,451	2,801	1,485	239	143	477
Floyd	1,942	241	569	312	52	52	716
Fluvanna	1,956	356	769	437	27	84	283
Franklin	6,402	970	2,037	898	89	277	2,131
Frederick	6,150	1,025	2,356	1,032	91	185	1,461
Giles	2,965	426	914	596	10	87	932
Gloucester	3,398	812	1,431	798	33	58	266
Goochland	2,028	321	878	564	25	58	182
Grayson	3,092	329	676	391	23	102	1,571
Greene	1,603	215	652	244	34	25	401
Greensville	1,890	239	553	485	25	65	523
Halifax	5,391	647	1,406	825	125	227	2,161
Hanover	10,359	1,912	5,939	1,404	135	169	800
Henrico	43,359	10,077	24,384	5,006	118	641	3,133
Henry	12,926	1,395	3,718	1,468	26	606	5,713
Highland	468	68	130	99	45	12	114
Isle of Wight	3,733	658	1,425	633	46	258	713
James City	4,444	957	1,753	1,221	18	84	411
King and Queen	887	142	365	179	20	11	170
King George	1,651	443	624	308	...	63	213
King William	1,682	311	759	344	16	27	225
Lancaster	1,826	279	596	529	21	27	374
Lee	2,760	597	1,052	488	53	54	516
Loudoun	11,623	2,990	5,765	2,009	215	173	471
Louisa	3,106	409	1,074	535	54	167	866
Lunenburg	2,114	298	586	325	18	65	822
Madison	1,791	372	533	402	54	18	412
Mathews	1,327	288	432	331	46	28	202
Mecklenburg	5,474	822	1,567	857	180	221	1,827
Middlesex	1,241	191	574	309	45	...	122
Montgomery	11,344	2,814	4,413	2,174	62	299	1,582
Nelson	1,878	334	736	360	20	64	364
New Kent	1,630	309	782	334	25	10	170
Northampton	2,364	366	670	702	84	67	475
Northumberland	1,486	194	612	357	16	17	290
Nottoway	2,519	462	705	574	62	87	629
Orange	3,214	465	1,127	505	97	85	935
Page	3,184	319	841	629	47	94	1,254
Patrick	3,603	396	739	423	74	124	1,847
Pittsylvania	12,722	1,374	3,803	1,758	231	468	5,088
Powhatan	1,991	430	864	332	44	16	305
Prince Edward	2,725	597	887	628	24	97	492
Prince George	3,325	701	1,471	710	...	45	398
Prince William	27,708	6,967	15,061	3,792	111	395	1,382
Pulaski	6,450	1,003	2,208	1,004	65	275	1,895
Rappahannock	1,058	146	381	199	31	27	274

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TABLE 13.17

Occupational Distributions for Employed Females in
Virginia's Counties and Cities: 1980, *CONTINUED*

	Employed Females	Occupational Group					
		Managerial & Professional Specialty	Technical, Sales, & Administrative Support	Service	Farming, Forestry, & Fishing	Precision Production, Craft, & Repair	Operators, Fabricators, & Laborers
Richmond	1,254	222	517	183	33	31	268
Roanoke	14,910	3,956	7,361	1,864	16	247	1,466
Rockbridge	3,023	541	1,023	710	58	70	621
Rockingham	11,584	1,933	4,015	1,870	530	499	2,747
Russell	3,463	759	1,179	606	20	112	787
Scott	2,818	585	952	431	9	95	746
Shenandoah	5,192	678	1,538	974	87	303	1,612
Smyth	5,862	870	1,592	1,158	71	207	1,964
Southampton	2,762	513	978	736	69	66	400
Spotsylvania	5,845	1,464	2,558	1,051	50	75	647
Stafford	6,709	1,543	3,218	1,244	58	105	541
Surry	1,003	155	263	373	18	48	146
Sussex	1,903	305	557	525	10	42	464
Tazewell	6,308	1,329	2,835	1,499	19	90	536
Warren	3,833	633	1,449	737	48	125	841
Washington	7,394	1,395	2,510	1,261	132	163	1,933
Westmoreland	2,240	353	750	392	13	62	670
Wise	4,929	1,166	2,194	1,051	9	116	393
Wythe	4,824	821	1,420	903	43	165	1,472
York	6,397	1,545	2,938	1,265	43	116	490
Cities							
Alexandria	29,610	10,620	14,047	3,716	82	434	711
Bedford	1,171	261	390	236	4	24	256
Bristol	3,550	577	1,563	534	18	97	761
Buena Vista	1,267	189	508	227	5	5	333
Charlottesville	9,741	2,860	4,175	1,725	58	193	730
Chesapeake	19,929	4,507	9,430	3,523	106	568	1,795
Clifton Forge	880	237	344	188	...	13	98
Colonial Heights	3,270	769	1,786	360	13	71	271
Covington	1,506	180	586	363	...	24	353
Danville	9,533	1,754	3,293	1,797	20	255	2,414
Emporia	891	131	413	198	...	16	133
Fairfax	4,702	1,265	2,507	686	26	36	182
Falls Church	2,430	950	1,202	199	...	21	58
Franklin	1,103	140	471	251	7	14	220
Fredericksburg	3,404	869	1,400	778	13	66	278
Galax	1,331	231	334	249	...	41	476
Hampton	21,907	5,047	10,044	4,102	54	825	1,835
Harrisonburg	4,364	1,160	1,584	1,091	28	71	430
Hopewell	3,933	606	1,832	765	...	100	630
Lexington	913	310	287	274	...	3	39
Lynchburg	14,238	3,336	6,002	2,966	7	242	1,685
Manassas	3,121	955	1,620	371	6	80	89
Manassas Park	1,317	210	665	229	...	68	145
Martinsville	3,709	619	1,151	596	13	137	1,193
Newport News	25,719	5,937	11,241	5,367	70	655	2,449
Norfolk	39,489	8,119	18,145	9,145	227	911	2,942
Norton	669	145	241	196	...	29	58
Petersburg	7,888	1,542	2,509	2,577	...	130	1,130
Poquoson	1,476	345	777	206	...	36	112
Portsmouth	17,713	3,783	7,762	3,594	60	529	1,985
Radford	2,779	599	1,143	663	...	61	313
Richmond	49,570	11,638	20,643	10,877	63	925	5,424
Roanoke	20,074	3,711	8,824	4,530	76	475	2,458

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TABLE 13.17
Occupational Distributions for Employed Females in
Virginia's Counties and Cities: 1980, *CONTINUED*

	Employed Females	Occupational Group					
		Managerial & Professional Specialty	Technical, Sales, & Administrative Support	Service	Farming, Forestry, & Fishing	Precision Production, Craft, & Repair	Operators, Fabricators, & Laborers
Salem	5,121	1,093	2,450	966	5	83	524
South Boston	1,578	266	515	275	8	10	504
Staunton	4,908	1,075	1,760	1,230	26	83	734
Suffolk	8,139	1,437	2,926	1,754	99	271	1,652
Virginia Beach	48,299	13,426	23,646	7,821	244	877	2,285
Waynesboro	3,079	445	1,165	694	10	137	628
Williamsburg	2,210	677	996	413	14	21	89
Winchester	4,191	843	1,836	869	12	62	569
MSAs							
Bristol (Va. portion)	13,762	2,557	5,025	2,226	159	355	3,440
Charlottesville	25,426	7,049	10,888	4,095	265	535	2,562
Danville	22,255	3,128	7,096	3,555	251	723	7,502
Lynchburg	28,471	5,649	11,563	5,530	125	642	4,962
Norfolk	199,120	46,592	91,089	39,209	968	4,951	16,311
Northern Virginia	264,449	86,398	133,910	31,824	1,021	3,308	7,988
Richmond	161,538	36,701	78,311	27,142	564	2,858	15,962
Roanoke	44,090	9,601	20,288	8,191	140	886	4,984
Planning Districts							
LENOWISCO	11,176	2,493	4,439	2,166	71	294	1,713
Cumberland Plateau	14,771	3,103	6,106	3,392	50	300	1,820
Mount Rogers	32,243	5,114	9,637	5,138	375	950	11,029
New River Valley	25,480	5,083	9,247	4,749	189	774	5,438
Fifth	49,107	10,494	22,217	9,324	161	1,009	5,902
Central Shenandoah	40,488	7,303	14,406	8,503	962	1,295	8,019
Lord Fairfax	24,371	3,891	8,698	4,600	334	819	6,029
Northern Virginia	257,740	84,855	130,692	30,580	963	3,203	7,447
Rappahannock-Rapidan	16,643	3,079	6,511	3,398	521	373	2,761
Thomas Jefferson	30,410	7,792	12,698	4,990	339	766	3,792
Central Virginia	37,980	7,179	15,095	7,080	237	939	7,450
West Piedmont	48,895	6,508	14,741	6,940	453	1,867	18,386
Southside	15,172	2,134	4,279	2,475	337	513	5,434
Piedmont	13,843	2,387	4,200	2,891	222	490	3,707
Richmond Regional	139,280	32,441	69,399	21,821	493	2,394	12,732
RADCO	20,759	4,753	8,925	4,114	162	466	2,339
Northern Neck	6,806	1,048	2,475	1,461	83	137	1,602
Middle Peninsula	10,186	2,019	4,163	2,376	173	191	1,264
Crater	27,945	5,090	10,698	6,902	124	635	4,496
Southeastern Virginia	141,167	32,583	64,783	27,457	858	3,494	11,992
Peninsula	62,153	14,508	27,749	12,574	199	1,737	5,386
Accomack-Norhampton	7,918	1,126	2,496	1,866	215	238	1,977

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population. *General Social and Economic Characteristics Virginia*. U.S. Government Printing Office, Washington, D.C., 1983.

NOTES: Age 16 and over, enumerated by place of residence.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 13.18A

Class of Worker for Virginia's Counties and Cities: 1980

	Employed Workers	Class of Worker			
		Total	Private Wage & Salary Workers	Federal Government Workers	State Government Workers
Virginia	2,348,401	1,637,516	42,653	243,178	126,079
Counties					
Accomack	12,589	8,761	280	761	514
Albemarle	26,617	15,899	444	841	5,857
Alleghany	5,593	4,455	22	117	178
Amelia	3,487	2,416	67	146	228
Amherst	12,179	9,190	128	206	1,200
Appomattox	5,273	3,894	49	135	339
Arlington	85,812	51,452	1,118	24,321	1,312
Augusta	24,082	18,211	339	330	1,908
Bath	2,656	2,045	18	77	88
Bedford	15,310	11,852	346	361	514
Bland	2,418	1,623	41	115	200
Botetourt	10,280	7,979	187	350	272
Brunswick	6,176	4,145	95	253	513
Buchanan	11,718	9,094	312	172	269
Buckingham	4,512	3,071	34	98	382
Campbell	20,960	16,772	243	368	976
Caroline	7,266	5,296	155	591	412
Carroll	11,876	9,016	163	172	617
Charles City	3,118	2,229	34	155	297
Charlotte	4,676	3,251	108	80	185
Chesterfield	69,539	52,503	1,287	3,255	5,264
Clarke	4,472	3,091	122	329	129
Craig	1,637	1,021	16	77	230
Culpeper	9,678	6,921	178	449	624
Cumberland	2,972	1,901	57	165	244
Dickenson	5,327	3,908	138	142	194
Dinwiddie	8,865	5,673	93	712	1,045
Essex	3,861	2,781	98	129	207
Fairfax	301,034	186,722	6,650	70,879	5,076
Fauquier	16,176	11,065	439	1,540	429
Floyd	4,825	3,488	65	182	238
Fluvanna	4,460	2,908	80	145	624
Franklin	15,783	12,285	200	262	406
Frederick	15,631	12,437	218	608	272
Giles	7,158	5,414	109	194	652
Gloucester	8,546	5,059	215	1,109	750
Goochland	5,023	3,771	139	69	447
Grayson	7,142	5,531	51	77	292
Greene	3,625	2,523	26	85	337
Greensville	4,399	3,291	50	115	282
Halifax	12,431	9,109	117	220	455
Hanover	24,771	18,965	712	540	1,773
Henrico	93,993	72,576	2,040	2,799	7,249
Henry	28,431	24,137	235	242	577
Highland	1,257	782	8	22	69
Isle of Wight	9,471	6,912	178	646	413
James City	10,270	6,667	225	709	1,563
King and Queen	2,361	1,680	61	82	141
King George	4,206	1,972	71	1,441	160
King William	4,076	2,971	75	86	280

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TABLE 13.18A

Class of Worker for Virginia's Counties and Cities: 1980, *CONTINUED*

	Employed Workers	Class of Worker			
		Total	Private Wage & Salary Workers	Federal Government Workers	State Government Workers
Lancaster	3,924	2,881	115	116	157
Lee	7,610	5,365	144	215	290
Loudoun	27,994	18,540	883	4,446	540
Louisa	7,369	5,439	96	170	427
Lunenburg	5,052	3,632	66	177	228
Madison	4,366	2,968	59	84	269
Mathews	3,189	2,020	57	320	143
Mecklenburg	12,466	9,038	238	262	631
Middlesex	3,102	2,053	110	109	203
Montgomery	26,431	14,938	427	806	7,681
Nelson	4,643	3,210	76	107	490
New Kent	3,990	2,756	83	303	314
Northampton	5,481	3,615	75	168	349
Northumberland	3,555	2,392	159	110	150
Nottoway	5,828	3,922	117	393	447
Orange	7,696	5,730	111	254	351
Page	7,726	6,039	162	225	258
Patrick	8,171	6,435	80	57	179
Pittsylvania	29,612	23,695	380	488	846
Powhatan	5,070	3,677	62	130	388
Prince Edward	6,137	4,166	75	186	870
Prince George	7,512	5,319	87	796	393
Prince William	63,881	39,274	999	14,272	1,218
Pulaski	15,200	11,990	256	573	826
Rappahannock	2,517	1,792	49	73	130
Richmond	2,946	1,939	89	158	195
Roanoke	35,004	27,854	854	1,315	1,022
Rockbridge	7,616	5,391	110	128	552
Rockingham	27,457	21,567	535	443	1,335
Russell	10,455	7,806	166	257	444
Scott	8,098	6,076	111	162	216
Shenandoah	12,575	9,776	154	266	342
Smyth	13,515	9,781	208	226	1,395
Southampton	7,233	4,939	115	156	530
Spotsylvania	14,588	9,976	300	1,818	596
Stafford	17,063	10,550	271	3,253	408
Surry	2,461	1,610	42	94	164
Sussex	4,514	2,943	90	226	423
Tazewell	17,695	14,121	381	279	523
Warren	9,044	6,933	67	389	215
Washington	18,792	14,180	351	442	835
Westmoreland	5,243	3,457	95	545	219
Wise	14,064	10,749	304	338	682
Wythe	10,966	8,346	152	289	721
York	14,053	8,787	386	2,347	874
Cities					
Alexandria	60,138	35,850	706	17,102	1,114
Bedford	2,566	1,958	31	60	70
Bristol	7,922	6,393	107	240	322
Buena Vista	2,846	2,244	50	63	119
Charlottesville	19,473	10,722	220	644	5,700
Chesapeake	47,390	31,328	771	6,962	1,811
Clifton Forge	1,976	1,473	18	50	134

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TABLE 13.18A

Class of Worker for Virginia's Counties and Cities: 1980, *CONTINUED*

		Class of Worker			
		Private Wage & Salary Workers			
	Employed Workers	Total	Employees of Own Corporation	Federal Government Workers	State Government Workers
Colonial Heights	7,732	5,131	121	781	638
Covington	3,563	2,972	24	38	88
Danville	20,300	16,355	408	368	642
Emporia	1,964	1,519	56	29	95
Fairfax	10,555	6,866	185	1,560	303
Falls Church	5,238	3,310	118	1,217	63
Franklin	2,806	2,197	78	78	103
Fredericksburg	6,850	4,343	85	861	628
Galax	2,875	2,220	57	63	147
Hampton	48,363	33,490	674	6,684	1,210
Harrisonburg	8,878	5,891	127	195	1,613
Hopewell	9,516	7,097	115	751	346
Lexington	2,361	1,622	37	37	311
Lynchburg	30,318	23,998	609	608	1,886
Manassas	7,488	4,954	116	1,002	167
Manassas Park	2,961	2,101	6	326	69
Martinsville	7,919	6,655	175	55	224
Newport News	58,981	43,426	954	5,665	1,856
Norfolk	86,015	58,389	1,535	11,244	4,204
Norton	1,646	1,324	70	84	33
Petersburg	16,789	9,914	228	1,699	2,460
Poquoson	3,763	2,337	133	654	52
Portsmouth	40,003	24,782	536	7,830	1,404
Radford	5,402	3,610	92	160	1,000
Richmond	99,667	69,988	1,129	4,519	12,157
Roanoke	43,674	35,964	646	1,562	1,141
Salem	11,079	8,818	142	377	317
South Boston	3,006	2,155	97	76	185
Staunton	10,243	7,078	213	196	1,408
Suffolk	19,439	13,558	446	1,993	1,080
Virginia Beach	105,894	73,498	3,250	11,783	3,254
Waynesboro	7,200	5,947	88	100	291
Williamsburg	4,404	2,752	109	151	1,057
Winchester	9,326	7,475	188	341	225
MSAs					
Bristol (Va. portion)	34,812	26,649	569	844	1,373
Charlottesville	54,175	32,052	770	1,715	12,518
Danville	49,912	40,050	788	856	1,488
Lynchburg	63,457	49,960	980	1,182	4,062
Norfolk	447,121	304,073	9,234	57,131	19,115
Northern Virginia	582,164	359,619	11,052	138,438	10,270
Richmond	355,585	259,599	6,130	16,509	32,771
Roanoke	100,037	80,615	1,829	3,604	2,752
Planning Districts					
LENOWISCO	31,418	23,514	629	799	1,221
Cumberland Plateau	45,195	34,929	997	850	1,430
Mount Rogers	75,506	57,090	1,130	1,624	4,529
New River Valley	59,016	39,440	949	1,915	10,397
Fifth	112,806	90,536	1,909	3,886	3,382
Central Shenandoah	94,596	70,778	1,525	1,591	7,694
Lord Fairfax	58,774	45,751	911	2,158	1,441
Northern Virginia	565,101	349,069	10,781	135,185	9,862

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TABLE 13.18A

Class of Worker for Virginia's Counties and Cities: 1980, *CONTINUED*

	Employed Workers	Class of Worker			
		Private Wage & Salary Workers			
		Total	Employees of Own Corporation	Federal Government Workers	State Government Workers
Rappahannock-Rapidan	40,433	28,476	836	2,400	1,803
Thomas Jefferson	66,187	40,701	942	1,992	13,435
Central Virginia	86,606	67,664	1,406	1,738	4,985
West Piedmont	110,216	89,562	1,478	1,472	2,874
Southside	34,079	24,447	547	811	1,784
Piedmont	32,664	22,359	524	1,245	2,584
Richmond Regional	305,171	226,465	5,486	11,770	27,889
RADCO	49,973	32,137	882	7,964	2,204
Northern Neck	15,668	10,669	458	929	721
Middle Peninsula	25,135	16,564	616	1,835	1,724
Crater	63,752	42,497	882	5,203	5,846
Southeastern Virginia	318,251	215,603	6,909	40,692	12,799
Peninsula	139,834	97,459	2,481	16,210	6,612
Accomack-Northampton	18,070	12,376	355	929	863

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population. *General Social and Economic Characteristics Virginia*. U.S. Government Printing Office, Washington, D.C., 1983.

NOTES: Age 16 and over, enumerated by place of residence.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 13.18B

Class of Worker for Virginia's Counties and Cities: 1980, *Continued*

	Local Government Workers	Self-employed Workers		Unpaid Family Workers	
		Total	In Agriculture	Total	In Agriculture
Virginia	205,583	127,947	21,603	8,098	1,917
Counties					
Accomack	1,018	1,439	326	96	5
Albemarle	2,170	1,736	361	114	11
Alleghany	487	344	34	12	...
Amelia	285	412	205	...	...
Amherst	907	628	73	48	16
Appomattox	396	469	150	40	14
Arlington	4,824	3,736	75	107	6
Augusta	1,533	1,885	680	215	121
Bath	241	192	12	13	5
Bedford	1,151	1,334	400	98	46

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TABLE 13.18B

Class of Worker for Virginia's Counties and Cities: 1980, *CONTINUED*

	Class of Worker				
	Local Government Workers	Self-employed Workers		Unpaid Family Workers	
		Total	In Agriculture	Total	In Agriculture
Bland	219	247	116	14	14
Botetourt	761	830	200	88	43
Brunswick	569	679	296	17	...
Buchanan	1,283	848	40	52	...
Buckingham	509	452	136	...	...
Campbell	1,435	1,321	355	88	16
Caroline	537	415	98	15	...
Carroll	954	1,002	417	115	27
Charles City	296	125	32	16	...
Charlotte	381	741	312	38	15
Chesterfield	5,566	2,801	151	150	12
Clarke	446	457	152	20	...
Craig	160	126	48	23	17
Culpeper	862	770	262	52	26
Cumberland	295	361	156	6	...
Dickenson	709	364	39	10	...
Dinwiddie	779	637	269	19	...
Essex	379	361	72	4	...
Fairfax	24,095	13,642	342	620	22
Fauquier	1,537	1,528	460	77	47
Floyd	293	568	265	56	43
Fluvanna	382	356	55	45	23
Franklin	1,245	1,491	550	94	38
Frederick	1,083	1,126	243	105	25
Giles	532	341	32	25	11
Gloucester	817	791	86	20	6
Goochland	341	380	80	15	...
Grayson	534	667	253	41	10
Greene	369	291	58	20	15
Greensville	360	325	95	26	5
Halifax	1,166	1,346	861	135	65
Hanover	1,915	1,453	278	125	35
Henrico	7,609	3,550	138	210	21
Henry	2,050	1,345	141	80	26
Highland	105	260	174	19	17
Isle of Wight	675	769	354	56	4
James City	840	471	67	20	5
King and Queen	218	225	98	15	7
King George	321	296	67	16	...
King William	419	304	80	16	3
Lancaster	277	480	49	13	...
Lee	924	742	312	74	45
Loudoun	2,582	1,774	405	62	19
Louisa	638	570	168	125	23
Lunenburg	462	527	288	26	4
Madison	410	564	155	71	53
Mathews	288	396	39	22	...
Mecklenburg	1,138	1,308	559	89	12
Middlesex	282	416	31	39	8
Montgomery	1,852	1,103	214	51	17
Nelson	426	356	64	54	17
New Kent	429	177	42	11	...
Northampton	613	710	182	26	7

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TABLE 13.18B
Class of Worker for Virginia's Counties and Cities: 1980, *CONTINUED*

	Class of Worker				
	Local Government Workers	Self-employed Workers		Unpaid Family Workers	
		Total	In Agriculture	Total	In Agriculture
Northumberland	356	530	69	17	12
Nottoway	515	525	154	26	...
Orange	669	616	177	76	44
Page	473	673	270	58	38
Patrick	540	931	441	29	5
Pittsylvania	2,157	2,215	1,010	211	117
Powhatan	516	320	65	39	12
Prince Edward	353	514	121	48	5
Prince George	602	394	133	8	...
Prince William	6,660	2,260	161	197	24
Pulaski	1,147	632	176	32	14
Rappahannock	162	333	78	27	6
Richmond	287	355	113	12	...
Roanoke	3,138	1,558	71	117	6
Rockbridge	671	782	202	92	44
Rockingham	1,462	2,435	959	215	143
Russell	1,090	770	292	88	18
Scott	848	746	232	50	8
Shenandoah	910	1,195	316	86	41
Smyth	1,122	938	233	53	9
Southampton	749	784	413	75	66
Spotsylvania	1,319	805	99	74	38
Stafford	1,694	1,096	109	62	...
Surry	288	298	213	7	...
Sussex	499	390	170	33	17
Tazewell	1,671	976	158	125	30
Warren	821	637	42	49	8
Washington	1,596	1,674	602	65	19
Westmoreland	514	481	91	27	...
Wise	1,396	831	44	68	...
Wythe	931	621	230	58	13
York	1,380	620	35	45	7
Cities					
Alexandria	3,637	2,334	10	101	19
Bedford	334	137	14	7	...
Bristol	588	336	27	43	7
Buena Vista	295	118	...	7	...
Charlottesville	1,560	829	39	18	...
Chesapeake	5,359	1,830	210	100	14
Clifton Forge	181	138	...	...	...
Colonial Heights	814	321	23	47	7
Covington	274	184	...	7	...
Danville	1,943	917	...	75	6
Emporia	171	150	...	...	...
Fairfax	1,338	463	11	25	...
Falls Church	424	234	9	...	...
Franklin	273	127	...	28	...
Fredericksburg	684	321	13	13	...
Galax	242	203	10	...	...
Hampton	5,129	1,762	10	88	...
Harrisonburg	766	399	7	14	4
Hopewell	924	344	8	54	...
Lexington	225	166	6	...	...

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TABLE 13.18B

Class of Worker for Virginia's Counties and Cities: 1980, *CONTINUED*

	Class of Worker				
	Local Government Workers	Self-employed Workers		Unpaid Family Workers	
		Total	In Agriculture	Total	In Agriculture
Lynchburg	2,477	1,254	35	95	...
Manassas	943	392	...	30	11
Manassas Park	403	56	...	6	...
Martinsville	645	320	10	20	...
Newport News	5,976	1,937	32	121	6
Norfolk	8,927	3,099	140	172	5
Norton	134	63	...	8	...
Petersburg	2,046	642	7	28	...
Poquoson	380	340	10	...	...
Portsmouth	4,698	1,194	19	95	6
Radford	427	205	...	...	...
Richmond	9,541	3,333	53	129	...
Roanoke	3,594	1,855	39	128	...
Salem	1,041	499	10	27	...
South Boston	400	171	...	19	...
Staunton	938	593	37	30	6
Suffolk	1,733	966	247	109	29
Virginia Beach	11,665	5,431	273	263	11
Waynesboro	519	329	25	14	...
Williamsburg	322	122	9	...	...
Winchester	698	548	29	39	15
MSAs					
Bristol (Va. portion)	3,032	2,756	861	158	34
Charlottesville	4,481	3,212	513	197	49
Danville	4,100	3,132	1,010	286	123
Lynchburg	4,819	3,203	463	231	32
Norfolk	47,226	18,563	1,138	1,033	89
Northern Virginia	46,600	25,977	1,122	1,210	101
Richmond	31,378	14,477	1,279	851	87
Roanoke	8,534	4,742	320	360	49
Planning Districts					
LENOWISCO	3,302	2,382	588	200	53
Cumberland Plateau	4,753	2,958	529	275	48
Mount Rogers	6,186	5,688	1,888	389	99
New River Valley	4,251	2,849	687	164	85
Fifth	9,636	5,534	402	402	66
Central Shenandoah	6,755	7,159	2,102	619	340
Lord Fairfax	4,431	4,636	1,052	357	127
Northern Virginia	44,906	24,881	1,013	1,148	101
Rappahannock-Rapidan	3,640	3,811	1,132	303	176
Thomas Jefferson	5,545	4,138	745	376	89
Central Virginia	6,700	5,143	1,027	376	92
West Piedmont	8,580	7,219	2,152	509	192
Southside	3,273	3,504	1,716	260	77
Piedmont	2,800	3,532	1,372	144	24
Richmond Regional	26,213	12,139	839	695	80
RADCO	4,555	2,933	386	180	38
Northern Neck	1,434	1,846	322	69	12

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**TABLE 13.18B****Class of Worker for Virginia's Counties and Cities: 1980, *CONTINUED***

	Class of Worker				
	Local Government Workers	Self-employed Workers		Unpaid Family Workers	
		Total	In Agriculture	Total	In Agriculture
Middle Peninsula	2,403	2,493	406	116	24
Crater	6,483	3,501	918	222	29
Southeastern Virginia	34,079	14,200	1,656	898	135
Peninsula	14,027	5,252	163	274	18
Accomack-Norhampton	1,631	2,149	508	122	12

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population. *General Social and Economic Characteristics Virginia*. U.S. Government Printing Office, Washington, D.C., 1983.

NOTES: Age 16 and over, enumerated by place of residence.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 13.19**Class of Worker for Employed Females in Virginia's Counties and Cities: 1980**

	Employed Females	Class of Worker							
		Total	Private Wage & Salary Workers		Federal Government Workers	State Government Workers	Local Government Workers	Self- employed Workers	Unpaid Family Workers
			Employees of Own Corporation						
Virginia	1,034,532	713,523	7,695	91,539	66,604	127,726	30,044	5,096	
Counties									
Accomack	5,554	3,965	44	295	262	704	254	74	
Albemarle	12,126	6,939	61	296	3,145	1,324	351	71	
Alleghany	1,990	1,530	...	32	60	286	70	12	
Amelia	1,426	1,049	22	55	72	204	46	...	
Amherst	5,503	3,850	18	106	861	528	117	41	
Appomattox	2,306	1,755	...	57	148	260	60	26	
Arlington	42,172	25,920	284	11,514	685	2,945	1,020	88	
Augusta	9,917	7,440	74	132	975	901	343	126	
Bath	955	693	7	25	38	135	64	...	
Bedford	6,032	4,672	57	151	199	715	241	54	
Bland	963	688	15	48	27	150	46	4	
Botetourt	3,985	2,956	9	151	113	547	182	36	
Brunswick	2,729	2,001	25	123	169	343	91	2	
Buchanan	3,554	1,996	29	131	157	1,007	247	16	
Buckingham	1,886	1,280	4	63	158	318	67	...	
Campbell	8,730	6,885	31	131	483	938	229	64	
Caroline	3,150	2,310	45	237	195	335	58	15	
Carroll	5,227	3,946	36	68	285	673	175	80	

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TABLE 13.19

Class of Worker for Employed Females in Virginia's
Counties and Cities: 1980, *CONTINUED*

	Employed Females	Class of Worker						
		Private Wage & Salary Workers		Federal Govern- ment Workers	State Govern- ment Workers	Local Govern- ment Workers	Self- employed Workers	Unpaid Family Workers
		Total	Employees of Own Corporation					
Charles City	1,362	870	14	69	184	210	13	16
Charlotte	1,929	1,355	20	38	83	289	141	23
Chesterfield	28,981	20,109	197	1,554	2,749	3,721	732	116
Clarke	1,821	1,313	28	104	54	253	87	10
Craig	641	379	...	32	128	84	7	11
Culpeper	3,984	2,895	25	200	173	543	150	23
Cumberland	1,244	852	...	80	76	173	57	6
Dickenson	1,446	827	9	72	98	392	47	10
Dinwiddie	3,842	2,224	25	404	691	470	42	11
Essex	1,651	1,202	22	57	78	241	69	4
Fairfax	135,057	86,089	1,254	24,898	3,043	15,903	4,675	449
Fauquier	6,596	4,526	92	578	163	881	397	51
Floyd	1,942	1,518	7	59	117	157	66	25
Fluvanna	1,956	1,171	18	89	326	275	76	19
Franklin	6,402	5,042	27	97	179	761	263	60
Frederick	6,150	4,923	30	178	125	618	265	41
Giles	2,965	2,164	23	78	350	303	56	14
Gloucester	3,398	2,022	46	330	342	548	141	15
Goochland	2,028	1,561	22	33	160	231	33	10
Grayson	3,092	2,525	4	32	99	357	52	27
Greene	1,603	1,077	2	30	210	214	58	14
Greensville	1,890	1,437	7	43	113	228	58	11
Halifax	5,391	4,099	21	76	207	776	189	44
Hanover	10,359	7,756	134	208	947	1,042	337	69
Henrico	43,359	32,471	334	1,107	4,263	4,700	669	149
Henry	12,926	10,920	28	88	388	1,172	314	44
Highland	468	281	6	17	24	65	71	10
Isle of Wight	3,733	2,781	47	144	136	496	137	39
James City	4,444	2,736	29	198	909	486	95	20
King and Queen	867	581	6	54	63	159	15	15
King George	1,651	808	35	447	90	243	56	7
King William	1,682	1,193	14	42	145	243	51	8
Lancaster	1,826	1,420	16	74	56	196	67	13
Lee	2,760	1,805	13	97	111	560	145	42
Loudoun	11,623	7,867	165	1,368	274	1,581	479	54
Louisa	3,105	2,285	18	89	211	388	60	72
Lunenburg	2,114	1,627	14	73	56	293	52	13
Madison	1,791	1,221	12	53	74	317	111	15
Mathews	1,327	848	5	95	92	207	69	16
Mecklenburg	5,474	4,126	37	120	189	716	244	79
Middlesex	1,241	805	21	57	78	217	79	5
Montgomery	11,344	6,613	60	192	3,092	1,136	276	35
Nelson	1,878	1,227	5	45	249	276	56	25
New Kent	1,630	1,066	21	75	182	253	43	11
Northampton	2,364	1,600	14	95	150	387	110	22
Northumberland	1,486	1,088	27	64	80	245	78	11
Nottoway	2,519	1,687	27	140	250	302	127	13
Orange	3,214	2,297	22	112	185	456	131	34
Page	3,184	2,547	31	54	111	310	131	31
Patrick	3,603	2,956	6	24	75	325	206	17
Pittsylvania	12,722	10,318	25	250	427	1,260	381	86
Powhatan	1,991	1,337	8	41	157	358	71	27

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TABLE 13.19

**Class of Worker for Employed Females in Virginia's
Counties and Cities: 1980, *CONTINUED***

	Employed Females	Class of Worker						
		Private Wage & Salary Workers		Federal Government Workers	State Government Workers	Local Government Workers	Self- employed Workers	Unpaid Family Workers
		Total	Employees of Own Corporation					
Prince Edward	2,725	1,795	13	92	473	205	138	22
Prince George	3,325	2,207	16	384	247	389	90	8
Prince William	27,708	16,866	219	5,469	611	3,815	785	142
Pulaski	6,450	5,003	33	198	449	689	105	6
Rappahannock	1,058	833	9	29	26	98	53	19
Richmond	1,254	874	6	56	66	207	39	12
Roanoke	14,910	11,327	150	545	476	2,056	423	83
Rockbridge	3,023	2,203	13	82	177	393	125	43
Rockingham	11,594	9,151	77	146	715	962	517	103
Russell	3,463	2,314	25	125	166	690	114	54
Scott	2,818	2,002	29	52	53	512	161	38
Shenandoah	5,192	4,157	21	62	126	556	228	63
Smyth	5,862	4,236	34	110	678	634	173	31
Southampton	2,762	1,911	18	74	219	469	76	13
Spotsylvania	5,845	4,004	60	587	267	783	162	42
Stafford	6,709	4,052	37	1,178	186	902	352	39
Surry	1,003	635	10	21	93	223	24	7
Sussex	1,903	1,150	12	141	211	308	71	22
Tazewell	6,308	4,585	65	119	291	1,115	149	49
Warren	3,833	3,003	17	114	80	482	113	41
Washington	7,394	5,555	54	186	358	955	296	44
Westmoreland	2,240	1,528	35	188	82	367	48	27
Wise	4,929	3,450	45	116	348	794	172	49
Wythe	4,824	3,660	27	71	345	589	127	32
York	6,397	3,909	103	759	549	928	214	38
Cities								
Alexandria	29,610	18,233	124	7,815	659	2,164	643	96
Bedford	1,171	850	6	28	42	190	61	...
Bristol	3,550	2,893	13	102	144	280	96	35
Buena Vista	1,267	1,025	23	11	41	165	18	7
Charlottesville	9,741	5,050	49	334	3,118	898	330	11
Chesapeake	19,929	13,207	139	1,578	1,029	3,553	486	76
Clifton Forge	880	626	...	19	92	119	24	...
Colonial Heights	3,270	2,096	5	334	285	452	77	26
Covington	1,506	1,210	...	26	61	145	64	...
Danville	9,533	7,577	68	151	391	1,107	278	29
Emporia	891	705	11	9	32	119	26	...
Fairfax	4,702	3,076	32	488	148	841	130	19
Falls Church	2,430	1,503	32	502	40	314	71	...
Franklin	1,103	840	12	4	38	167	31	23
Fredericksburg	3,404	1,974	...	357	423	506	131	13
Galax	1,331	1,007	7	38	68	169	49	...
Hampton	21,907	14,688	165	2,749	656	3,178	565	71
Harrisonburg	4,364	2,816	24	63	917	453	105	10
Hopewell	3,933	2,740	38	360	169	482	120	42
Lexington	913	671	10	11	64	129	38	...
Lynchburg	14,238	10,839	103	262	1,252	1,507	326	52
Manassas	3,121	2,049	13	298	105	548	102	19
Manassas Park	1,317	848	...	174	44	226	25	...
Martinsville	3,709	3,066	48	17	127	384	95	20
Newport News	25,719	18,025	236	2,152	1,089	3,726	647	80

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TABLE 13.19

**Class of Worker for Employed Females in Virginia's
Counties and Cities: 1980, *CONTINUED***

	Employed Females	Class of Worker							
		Private Wage & Salary Workers			Federal Government Workers	State Government Workers	Local Government Workers	Self- employed Workers	Unpaid Family Workers
		Total	Employees of Own Corporation						
Norfolk	39,489	27,011	219	4,013	2,399	5,181	761	124	
Norton	6,969	526	5	42	11	69	13	8	
Petersburg	7,888	4,242	85	808	1,558	1,132	135	13	
Poquoson	1,476	837	10	268	42	260	69	...	
Portsmouth	17,713	11,613	86	2,197	771	2,761	293	78	
Radford	2,779	1,835	22	61	551	271	61	...	
Richmond	49,570	33,432	156	2,045	7,418	5,867	723	85	
Roanoke	20,074	16,282	106	678	582	1,954	487	91	
Salem	5,121	3,899	23	269	129	659	138	27	
South Boston	1,578	1,168	17	37	89	243	22	19	
Staunton	4,908	3,220	45	57	879	581	157	14	
Suffolk	8,139	5,788	65	502	544	1,060	185	60	
Virginia Beach	48,299	34,228	637	3,424	1,582	7,428	1,454	183	
Waynesboro	3,079	2,408	7	28	191	335	111	6	
Williamsburg	2,210	1,338	46	60	566	213	33	...	
Winchester	4,191	3,410	26	95	102	440	113	31	
MSAs									
Bristol (Va. portion)	13,762	10,450	96	340	555	1,747	553	117	
Charlottesville	25,426	14,237	130	749	6,799	2,711	815	115	
Danville	22,255	17,895	93	401	818	2,367	659	115	
Lynchburg	28,471	21,574	152	499	2,596	2,973	672	157	
Norfolk	199,120	135,402	1,781	18,230	10,478	29,322	4,943	745	
Northern Virginia	264,449	166,503	2,160	53,704	5,795	29,239	8,282	906	
Richmond	161,538	112,111	1,055	7,422	19,030	19,307	3,085	583	
Roanoke	44,090	34,464	288	1,643	1,300	5,216	1,230	237	
Planning Districts									
LENOWISCO	17,476	7,783	92	307	523	1,935	491	137	
Cumberland Plateau	14,771	9,722	128	447	712	3,204	557	129	
Mount Rogers	32,243	24,510	190	655	2,004	3,807	1,014	253	
New River Valley	25,480	17,133	165	588	4,559	2,556	564	80	
Fifth	49,107	38,209	288	1,752	1,641	5,850	1,395	260	
Central Shenandoah	40,488	29,908	286	572	4,021	4,119	1,549	319	
Lord Fairfax	24,371	19,353	153	607	598	2,659	937	217	
Northern Virginia	257,740	162,451	2,123	52,526	5,609	28,337	7,930	867	
Rappahannock-Rapidan	16,643	11,772	160	972	621	2,294	842	142	
Thomas Jefferson	30,409	17,749	153	883	7,259	3,375	931	212	
Central Virginia	37,980	28,851	215	735	2,985	4,138	1,034	237	
West Piedmont	48,895	39,879	202	627	1,587	5,009	1,537	256	
Southside	15,172	11,394	100	356	654	2,078	546	144	
Piedmont	13,843	9,645	100	541	1,168	1,784	628	77	
Richmond Regional	139,280	98,602	886	5,132	16,060	16,382	2,621	483	
RADCO	20,759	13,148	177	2,806	1,161	2,769	759	116	
Northern Neck	6,806	4,910	84	382	284	1,015	232	63	

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13 • Labor Force and Employment

TABLE 13.19
Class of Worker for Employed Females in Virginia's
Counties and Cities: 1980, *CONTINUED*

		Class of Worker							
		Private Wage & Salary Workers			Federal Government Workers	State Government Workers	Local Government Workers	Self-employed Workers	Unpaid Family Workers
	Employed Females	Total	Employees of Own Corporation						
Middle Peninsula	10,186	6,651	114	635	798	1,615	424	63	
Crater	27,945	17,436	209	2,504	3,419	3,803	643	140	
Southeastern Virginia	141,167	97,379	1,223	11,936	6,718	21,115	3,423	596	
Peninsula	62,153	41,533	589	6,186	3,811	8,791	1,623	209	
Accomack-Northampton	7,918	5,565	58	390	412	1,091	364	96	

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population, *General Social and Economic Characteristics Virginia*. U.S. Government Printing Office, Washington, D.C., 1983.

NOTES: Age 16 and over, enumerated by place of residence.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 13.20
Two-Digit Standard Industrial Classification (SIC) Codes

Division/ Major Group	Title
Division A	AGRICULTURE, FORESTRY, AND FISHING
Group 01	Agricultural production—crops
Group 02	Agricultural production livestock and animal specialties
Group 07	Agricultural services
Group 08	Forestry
Group 09	Fishing, hunting, and trapping
Division B	MINING
Group 10	Metal mining
Group 12	Coal mining
Group 13	Oil and gas extraction
Group 14	Mining and quarrying of nonmetallic minerals, except fuels
Division C	CONSTRUCTION
Group 15	Building construction—general contractors and operative builders
Group 16	Heavy construction other than building construction—contractors
Group 17	Construction—special trade contractors
Division D	MANUFACTURING
Group 20	Food and kindred products
Group 21	Tobacco products
Group 22	Textile mill products
Group 23	Apparel and other finished products made from fabrics and similar materials
Group 24	Lumber and wood products, except furniture
Group 25	Furniture and fixtures
Group 26	Paper and allied products
Group 27	Printing, publishing, and allied industries
Group 28	Chemicals and allied products
Group 29	Petroleum refining and related industries
Group 30	Rubber and miscellaneous plastics products

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TABLE 13.20
Two-Digit Standard Industrial Classification (SIC) Codes, *CONTINUED*

Division/ Major Group	Title
Group 31	Leather and leather products
Group 32	Stone, clay, glass, and concrete products
Group 33	Primary metal industries
Group 34	Fabricated metal products, except machinery and transportation equipment
Group 35	Industrial and commercial machinery and computer equipment
Group 36	Electronic and other electrical equipment and components, except computer equipment
Group 37	Transportation equipment
Group 38	Measuring, analyzing, and controlling instruments; photographic, medical and optical goods; watches and clocks
Group 39	Miscellaneous manufacturing industries
Division E	TRANSPORTATION, COMMUNICATIONS, ELECTRIC, GAS, AND SANITARY SERVICES
Group 40	Railroad transportation
Group 41	Local and suburban transit and interurban highway passenger transportation
Group 42	Motor freight transportation and warehousing
Group 43	United States Postal Service
Group 44	Water transportation
Group 45	Transportation by air
Group 46	Pipelines, except natural gas
Group 47	Transportation services
Group 48	Communications
Group 49	Electric, gas, and sanitary services
Division F	WHOLESALE TRADE
Group 50	Wholesale trade—durable goods
Group 51	Wholesale trade—nondurable goods
Division G	RETAIL TRADE
Group 52	Building materials, hardware, garden supply, and mobile home dealers
Group 53	General merchandise stores
Group 54	Food stores
Group 55	Automotive dealers and gasoline service stations
Group 56	Apparel and accessory stores
Group 57	Home furniture, furnishings, and equipment stores
Group 58	Eating and drinking places
Group 59	Miscellaneous retail
Division H	FINANCE, INSURANCE, AND REAL ESTATE
Group 60	Depository institutions
Group 61	Nondepository credit institutions
Group 62	Security and commodity brokers, dealers, exchanges, and services
Group 63	Insurance carriers
Group 64	Insurance agents, brokers, and service
Group 65	Real estate
Group 67	Holding and other investment offices
Division I	SERVICES
Group 70	Hotels, rooming houses, camps, and other lodging places
Group 72	Personal services
Group 73	Business services
Group 75	Automotive repair, services, and parking
Group 76	Miscellaneous repair services
Group 78	Motion pictures
Group 79	Amusement and recreation services
Group 80	Health services
Group 81	Legal services
Group 82	Educational services
Group 83	Social services
Group 84	Museums, art galleries, and botanical and zoological gardens
Group 86	Membership organizations
Group 87	Engineering, accounting, research, management, and related services
Group 88	Private households
Group 89	Miscellaneous services

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TABLE 13.20
Two-Digit Standard Industrial Classification (SIC) Codes, *CONTINUED*

Division/ Major Group	Title
Division J	PUBLIC ADMINISTRATION
Group 91	Executive, legislative, and general government, except finance
Group 92	Justice, public order, and safety
Group 93	Public finance, taxation, and monetary policies
Group 94	Administration of human resource programs
Group 95	Administration of environmental quality and housing programs
Group 96	Administration of economic programs
Group 97	National security and international affairs
Division K	NONCLASSIFIABLE ESTABLISHMENTS
Group 99	Nonclassifiable establishments

SOURCE: Executive Office of the President, Office of Management and Budget. *Standard Industrial Classification Manual 1987*. U.S. Government Printing Office, Washington, D.C., 1987.

TABLE 13.21A
**Nonagricultural Employment by Major Industry for the
 U.S., Virginia, and Surrounding States: 1986 and 1987**

	Total		Mining		Construction		Manufacturing	
	1987	1986	1987	1986	1987	1986	1987	1986
United States	102,112.0	99,610.0	741.0	783.0	5,031.0	4,904.0	19,112.0	18,994.0
Virginia	2,678.1	2,557.7	15.6	16.5	182.0	169.5	429.1	424.7
Delaware	319.5	303.2	0.1	0.1	19.9	18.9	69.5	68.7
District of Columbia	655.3	640.1	0.1	0.1	15.5	14.1	16.1	15.7
Florida	4,852.5	4,599.4	8.7	9.3	340.8	339.5	529.9	517.2
Georgia	2,763.3	2,672.4	8.4	8.2	151.5	151.9	569.4	564.6
Kentucky	1,312.7	1,274.1	38.6	40.1	58.5	56.3	260.2	253.8
Maryland	2,017.6	1,952.0	1.9	1.7	150.2	139.5	207.2	210.2
North Carolina	2,856.2	2,744.1	4.9	4.8	159.1	155.2	855.3	832.8
South Carolina	1,392.5	1,338.0	1.6	1.6	86.6	87.8	373.4	365.2
Tennessee	2,008.5	1,929.8	6.7	7.2	96.6	90.0	495.4	490.5
West Virginia	597.8	597.5	36.2	40.5	23.2	22.8	85.8	86.8

SOURCES: U.S. Department of Labor, Bureau of Labor Statistics. *Employment and Earnings, March and May 1988*, U.S. Government Printing Office, Washington, D.C., monthly.

NOTE: In thousands.

TABLE 13.21B
Nonagricultural Employment by Major Industry for the U.S.,
Virginia, and Surrounding States: 1986 and 1987, Continued

	Transportation & Public Utilities		Wholesale & Retail Trade		Finance Insurance, & Real Estate		Services		Government	
	1987	1986	1987	1986	1987	1986	1987	1986	1987	1986
United States	5,378	5,244	24,061	23,580	6,589	6,297	24,137	23,099	17,062	16,710
Virginia	142.2	137.1	610.4	579.0	143.9	131.8	626.4	579.3	528.4	519.9
Delaware	13.5	12.7	70.6	67.3	26.5	22.9	73.0	66.6	46.4	46.1
District of Columbia	24.5	24.9	62.9	62.7	37.2	36.6	230.0	219.2	269.1	266.9
Florida	255.9	247.4	1,317.7	1,238.8	360.1	339.7	1,305.3	1,205.6	734.1	701.9
Georgia	174.6	168.3	692.2	667.7	155.1	146.1	536.1	503.3	476.0	462.2
Kentucky	67.6	65.8	314.5	303.3	60.9	59.2	273.5	259.6	238.8	236.0
Maryland	92.8	91.2	516.7	497.4	124.3	117.6	535.3	502.8	389.2	391.6
North Carolina	141.3	133.7	642.4	612.6	126.6	117.9	485.5	456.3	441.2	430.9
South Carolina	58.7	56.4	310.4	290.9	64.5	61.5	241.6	223.1	255.6	251.4
Tennessee	103.3	97.6	474.0	452.1	102.0	95.4	407.1	384.7	323.5	312.4
West Virginia	36.4	36.9	139.3	136.7	24.1	23.7	124.6	121.3	128.1	128.9

SOURCES: U.S. Department of Labor, Bureau of Labor Statistics. *Employment and Earnings, March, and May 1988*. U.S. Government Printing Office, Washington, D.C., monthly.

NOTES: In thousands.
 "Government" employment is the sum of Federal, State and local government employment.

TABLE 13.22
Employees on Nonagricultural Payrolls
by Major Industry for Virginia: 1982-1987

Industrial Sector	Nonagricultural Employees					
	1987	1986	1985	1984	1983	1982
Total	2,678.1	2,557.1	2,454.7	2,333.3	2,206.9	2,146.4
Mining	15.6	16.4	17.3	18.3	17.4	22.1
Construction	182.0	168.1	152.0	132.8	113.9	103.8
Manufacturing	429.1	424.2	423.4	421.3	403.6	397.2
Transportation & Public Utilities	142.2	137.3	132.0	127.2	120.4	119.0
Wholesale & Retail Trade	610.4	580.2	547.0	516.5	480.2	462.4
Finance, Insurance & Real Estate	143.9	130.8	122.8	117.1	110.1	106.9
Services	626.4	579.0	544.7	495.1	460.4	434.8
Government	528.4	521.0	515.6	505.0	500.9	500.1

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics. *Employment and Earnings, May 1988*. U.S. Government Printing Office, Washington, D.C., monthly.

NOTE: Annual averages, in thousands.



TABLE 13.23
Employees on Nonagricultural Payrolls by Detailed
Industry Classification, Virginia: 1980-1984

SIC	Industry	Nonagricultural Employment				
		1984	1983	1982	1981	1980
...	Total Nonagricultural Employment	2,325.0	2,206.9	2,146.4	2,160.8	2,157.2
...	Mining 18.1	17.4	22.1	21.7	22.7	
12	Bituminous coal and lignite mining	15.5	14.9	19.3	18.6	19.4
...	Construction	131.8	113.9	103.8	116.3	128.3
...	Manufacturing	420.1	403.6	397.2	414.0	413.8
24,25, 32-39	Durable goods	194.8	182.9	178.3	189.4	189.1
24	Lumber and wood	22.8	21.1	19.0	21.6	22.2
243	Millwork, plywood and structural members	6.2	5.7	4.8	5.6	5.5
244	Wood containers	1.7	1.6	1.6	1.8	1.8
25	Furniture and fixtures	23.7	23.0	23.4	25.7	25.8
251,2	Household and office furniture	22.7	22.1	22.3	24.4	24.5
32	Stone, clay and glass products	13.5	12.4	11.6	12.9	13.0
327	Concrete, gypsum, and plaster products	6.1	5.7	6.0	6.9	7.1
33	Primary metals	10.9	10.1	10.6	12.0	12.6
34	Fabricated metal products	18.6	18.3	18.5	19.9	20.3
344	Fabricated structural metal products	11.4	11.4	11.6	12.6	13.1
35	Machinery, except electrical	15.0	12.9	15.0	15.7	15.4
353	Construction and related machinery	4.0	3.1	4.4	5.1	5.1
355	Special industry machinery	1.6	1.6	1.8	1.9	1.8
36	Electrical and electronic equipment	41.3	38.2	36.4	36.5	35.2
366	Communication equipment	14.2	12.5	10.5	10.1	10.4
37	Transportation equipment	42.2	40.5	37.9	38.7	38.2
38	Instruments and related products	3.6	3.5	3.4	3.8	3.7
39	Miscellaneous manufacturing industries	3.2	2.9	2.6	2.7	2.7
20-23, 26-31	Nondurable goods	225.3	22.7	218.9	224.5	224.7
20	Food and kindred products	38.8	39.0	39.9	40.4	41.0
201	Meat products	12.6	12.8	13.2	13.5	14.0
202	Dairy products	2.4	2.5	2.5	2.5	2.4
208	Beverages	5.4	5.4	5.5	5.5	5.4
21	Tobacco products	16.1	17.2	18.2	18.5	17.7
22	Textile mill products	43.4	43.4	42.9	44.6	44.6
221-3	Weaving mill, cotton and synthetics and weaving and finishing mills, wool	16.4	17.1	17.6	19.0	19.5
224	Narrow fabric mills	1.0	0.7	0.7	0.9	0.9
225	Knitting mills	17.6	17.2	15.8	14.7	13.8
226	Textile finishing, except wool	3.3	3.4	3.9	4.7	5.1
229	Miscellaneous textile goods	1.4	1.3	1.2	1.2	1.2
23	Apparel and other textile products	32.6	32.0	31.0	32.7	34.3
231,2	Men's and boy's suits, coats, and furnishings	10.4	10.5	10.4	11.5	12.8
233,4,5	Women's, misses' and children's outerwear and undergarments	18.0	17.6	17.0	18.0	18.0
26	Paper and allied products	15.5	14.8	14.6	15.3	15.0
262,3	Paper mills, except building paper; and paperboard mills	7.9	7.7	7.7	8.0	8.0
264,5	Miscellaneous converted paper products and paperboard containers	7.0	6.6	6.4	6.9	6.6
265	Paperboard containers and boxes	3.8	3.6	3.7	3.9	3.8
27	Printing and publishing	27.8	25.4	23.8	23.3	22.4
271,2	Newspapers and periodicals	11.1	9.6	8.7	8.5	8.4
275	Commercial printing	10.9	10.3	9.7	9.4	8.8
28	Chemicals and allied products	32.7	32.3	32.9	33.9	34.2
282	Plastics materials and synthetics	18.8	18.8	19.7	20.8	21.4
289	Miscellaneous chemical products	5.1	4.6	4.3	4.2	3.8
29,30	Petroleum and coal products; rubber and miscellaneous plastics products	15.0	13.3	12.1	12.3	11.9
307	Miscellaneous plastics products	8.7	7.3	6.3	6.2	5.8
31	Leather and leather products	3.4	3.4	3.5	3.7	3.6

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TABLE 13.23

Employees on Nonagricultural Payrolls by Detailed Industry
Classification, Virginia: 1980-1984, *CONTINUED*

SIC	Industry	Nonagricultural Employment				
		1984	1983	1982	1981	1980
...	Transportation and public utilities	127.6	120.4	119.0	117.6	115.8
40	Railroad transportation	13.6	13.0	13.5	13.5	14.0
42	Trucking and warehousing	29.2	27.2	26.9	27.9	28.2
45	Transportation by air	14.8	13.5	12.4	12.0	12.1
48	Communication	36.2	34.0	33.8	32.6	30.6
49	Electric, gas, and sanitary services	19.5	18.9	18.5	17.5	16.4
...	Wholesale and retail trade	513.0	480.2	462.4	460.4	451.2
...	Wholesale trade	115.9	109.5	108.3	108.3	105.3
50	Wholesale trade-durable goods	79.0	68.4	66.7	65.7	64.4
51	Wholesale trade-nondurable goods	42.9	41.1	41.7	42.6	40.9
...	Retail trade	397.1	370.7	354.1	352.1	345.9
53	General merchandise stores	57.9	55.1	55.8	56.9	56.6
531	Department stores	45.9	43.7	45.4	46.4	44.6
533	Variety stores	10.5	10.0	9.0	8.8	10.3
54	Food stores	62.9	61.2	58.1	57.7	55.6
55	Automotive dealers and service stations	48.5	45.0	43.0	43.4	44.3
56	Apparel and accessory stores	21.6	20.8	...	...	...
57	Furniture and home furnishings stores	20.0	18.3	16.7	16.6	16.6
58	Eating and drinking places	120.4	108.6	...	...	...
59	Miscellaneous retail	51.3	48.3	46.1	46.1	45.6
...	Finance, insurance, and real estate	117.2	110.1	106.9	106.1	105.9
60	Banking	34.4	33.2	33.8	33.8	33.4
61	Credit agencies other than banks	15.6	13.7	...	...	...
62	Security, commodity brokers and services	3.5	3.2	...	...	...
63	Insurance carriers	21.3	20.7	20.3	20.2	20.1
65	Real estate	29.5	27.0	26.0	26.4	26.4
...	Services	492.8	460.4	434.8	418.3	408.3
70	Hotels and other lodging places	35.9	33.7	...	...	...
72	Personal services	27.6	26.3	25.2	24.4	24.5
73	Business services	118.5	103.7	91.9	84.5	84.3
75	Auto repair, services, and garages	14.4	13.1	...	...	...
76	Miscellaneous repair services	6.4	6.0	...	...	...
78	Motion pictures	3.4	3.4	...	...	...
79	Amusement and recreation services	14.9	14.6	...	...	...
80	Health services	122.2	119.4	116.0	110.9	105.2
806	Hospitals	64.6	65.1	...	...	...
82	Educational services	23.2	23.9	...	...	...
...	Government	504.4	500.9	500.1	506.6	511.2
...	Federal government	167.6	162.9	160.7	156.7	156.4
...	State and local government	336.8	338.0	339.4	349.9	354.8
...	State government	118.5	120.1	120.9	123.2	121.4
...	Local government	218.3	217.9	218.5	226.7	233.4

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics. *Supplement to Employment, Hours, and Earnings, States and Areas, Data for 1930-84*. U.S. Government Printing Office, Washington, D.C., 1985.

NOTE: In thousands.



TABLE 13.24A
Employment by Industry for Virginia's Counties and Cities: 1980

	Employment Sector						
	Total Employment	Agriculture	Forestry & Fisheries	Mining	Construction	Transportation, Communications & Other Public Utilities	Finance, Insurance, & Real Estate
Virginia	2,348,401	51,614	5,614	26,077	168,691	158,067	129,723
Counties							
Accomack	12,589	985	496	8	698	741	343
Albemarle	26,617	1,047	54	71	1,711	1,423	1,513
Alleghany	5,593	57	28	2	518	524	180
Amelia	3,487	381	16	...	398	203	83
Amherst	12,179	143	4	5	923	727	471
Appomattox	5,273	205	9	16	378	359	155
Arlington	85,812	371	59	43	3,459	4,836	6,461
Augusta	24,082	1,589	80	16	2,011	1,834	854
Bath	2,656	92	36	12	500	184	26
Bedford	15,310	744	21	76	1,293	1,398	660
Bland	2,418	190	13	75	164	159	42
Botetourt	10,280	470	35	137	611	1,255	551
Brunswick	6,176	476	15	45	478	314	95
Buchanan	11,718	62	17	5,240	552	659	241
Buckingham	4,512	207	38	113	461	256	90
Campbell	20,960	539	14	37	1,441	1,186	856
Caroline	7,266	277	26	20	719	653	216
Carroll	11,876	564	4	109	836	488	137
Charles City	3,118	121	35	13	128	198	111
Charlotte	4,676	477	10	12	410	219	116
Chesterfield	69,539	441	19	82	5,346	5,628	5,634
Clarke	4,472	440	3	10	567	268	192
Craig	1,637	72	50	17	141	118	76
Culpeper	9,678	775	22	17	1,306	536	406
Cumberland	2,972	320	5	3	364	181	81
Dickenson	5,327	49	8	2,337	294	231	89
Dinwiddie	8,865	444	31	69	737	431	186
Essex	3,861	184	74	...	526	158	154
Fairfax	301,034	2,075	479	316	18,109	19,251	23,252
Fauquier	16,176	1,540	17	152	2,043	1,131	955
Floyd	4,825	488	14	5	439	218	183
Fluvanna	4,460	150	15	17	535	367	194
Franklin	15,783	936	18	38	1,038	955	561
Frederick	15,631	670	9	133	1,611	1,128	546
Giles	7,158	90	13	42	522	305	156
Gloucester	8,546	181	226	7	767	559	250
Goochland	5,023	220	10	77	540	357	503
Grayson	7,142	350	10	57	424	214	158
Greene	3,625	131	7	6	375	320	156
Greensville	4,399	187	1	49	306	274	78
Halifax	12,431	1,213	2	55	770	402	309
Hanover	24,771	673	4	100	2,551	2,245	1,972
Henrico	93,993	637	40	162	6,789	7,856	9,655
Henry	28,431	287	19	32	1,443	1,480	893
Highland	1,257	220	1	11	375	63	26
Isle of Wight	9,471	623	27	16	692	713	284
James City	10,270	225	38	5	804	500	339
King and Queen	2,361	168	25	...	182	108	98
King George	4,206	153	18	16	462	158	89
King William	4,076	239	4	24	287	211	200
Lancaster	3,924	85	230	...	304	198	217
Lee	7,610	522	...	1,236	662	473	215

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TABLE 13.24A

Employment by Industry for Virginia's Counties and Cities: 1980, *CONTINUED*

	Total Employment	Employment Sector					
		Agriculture	Forestry & Fisheries	Mining	Construction	Transportation, Communications & Other Public Utilities	Finance, Insurance, & Real Estate
Loudoun	27,944	1,419	40	131	2,487	2,576	1,690
Louisa	7,369	329	...	86	941	766	342
Lunenburg	5,052	417	3	2	379	234	118
Madison	4,366	421	19	...	457	214	163
Mathews	3,189	108	130	21	313	254	124
Mecklenburg	12,466	951	2	26	1,196	520	292
Middlesex	3,102	206	90	19	315	136	109
Montgomery	26,431	536	53	91	1,690	1,029	777
Nelson	4,643	229	8	31	575	404	192
New Kent	3,990	104	...	12	317	271	245
Northampton	5,481	462	233	6	441	261	139
Northumberland	3,555	187	243	...	326	248	131
Nottoway	5,828	374	12	10	419	530	164
Orange	7,696	644	4	27	821	573	296
Page	7,726	561	31	24	1,142	383	187
Patrick	8,171	582	5	19	444	311	169
Pittsylvania	29,612	1,586	17	30	1,920	1,290	741
Powhatan	5,070	225	...	...	541	564	272
Prince Edward	6,137	320	21	17	438	318	242
Prince George	7,512	175	18	8	561	363	284
Prince William	63,881	660	127	191	6,378	5,309	3,619
Pulaski	15,200	407	7	87	869	799	390
Rappahannock	2,517	291	6	...	431	112	88
Fichmond	2,946	191	76	4	235	230	99
Roanoke	35,004	277	48	78	1,990	4,126	2,725
Rockbridge	7,616	387	55	35	832	469	252
Rockingham	27,457	2,533	115	94	2,162	1,291	750
Russell	10,455	486	...	2,948	584	845	205
Scott	8,098	298	16	378	741	331	161
Shenandoah	12,575	767	47	49	1,209	800	387
Smyth	13,515	493	54	134	978	472	229
Southampton	7,233	936	50	34	560	328	150
Spotsylvania	14,588	300	19	43	1,723	1,311	594
Stafford	17,063	237	27	68	2,311	1,389	662
Surry	2,461	282	...	6	225	144	46
Sussex	4,514	333	34	16	236	200	126
Tazewell	17,695	373	14	4,203	975	877	591
Warren	9,044	247	16	20	1,274	512	347
Washington	18,792	1,130*	16	468	1,314	1,036	571
Westmoreland	5,243	265	139	15	539	240	153
Wise	14,064	63	22	4,185	737	988	424
Wythe	10,966	446	42	269	903	688	371
York	14,053	137	28	7	987	578	552
Cities							
Alexandria	60,138	282	56	75	2,485	4,512	4,632
Bedford	2,566	28	...	6	130	129	106
Bristol	7,922	44	...	75	364	621	325
Buena Vista	2,846	16	57	15	154	146	85
Charlottesville	19,473	241	9	21	999	75	1,022
Chesapeake	47,390	618	11	17	4,537	4,529	2,366
Clifton Forge	1,976	...	19	...	159	306	50
Colonial Heights	7,732	45	...	12	501	601	384
Covington	3,563	12	19	...	267	199	96
Danville	20,300	109	6	22	746	904	907

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TABLE 13.24A
Employment by Industry for Virginia's Counties and Cities: 1980, *CONTINUED*

	Total Employment	Employment Sector					
		Agriculture	Forestry & Fisheries	Mining	Construction	Transportation, Communications & Other Public Utilities	Finance, Insurance, & Real Estate
Emporia	1,964	26	...	14	114	69	101
Fairfax	10,555	80	...	...	981	692	901
Falls Church	5,238	14	8	...	236	360	414
Franklin	2,806	36	...	...	176	70	72
Fredericksburg	6,850	28	...	...	470	406	380
Galax	2,875	18	...	...	81	129	80
Hampton	48,363	219	275	22	3,165	2,882	1,948
Harrisonburg	8,878	148	58	18	361	477	368
Hopewell	9,516	33	8	20	801	467	341
Lexington	2,361	28	...	...	144	113	73
Lynchburg	30,318	138	6	39	1,613	1,541	1,784
Manassas	7,488	62	6	...	844	567	520
Manassas Park	2,961	35	7	6	485	212	112
Martinsville	7,919	33	...	...	445	388	356
Newport News	58,981	301	161	84	4,251	3,283	2,549
Norfolk	86,015	751	124	24	6,437	7,086	4,443
Norton	1,646	...	...	248	157	156	57
Petersburg	16,789	28	...	28	925	981	537
Poquoson	3,763	26	146	...	310	155	149
Portsmouth	40,003	179	6	4	2,886	2,893	1,618
Radford	5,402	...	...	6	168	142	200
Richmond	99,667	417	23	80	5,412	6,700	7,413
Roanoke	43,674	226	36	70	2,589	4,644	2,793
Salem	11,079	38	5	13	711	781	731
South Boston	3,006	5	...	...	207	108	110
Staunton	10,243	88	19	36	500	933	420
Suffolk	19,439	659	30	11	1,496	1,221	731
Virginia Beach	105,894	1,102	129	46	8,359	7,681	8,283
Waynesboro	7,200	81	27	...	325	281	283
Williamsburg	4,404	82	20	...	169	116	134
Winchester	9,326	187	7	32	615	558	392
MSAs							
Bristol (Va. portion)	34,812	1,472	32	921	2,419	2,048	1,057
Charlottesville	54,175	1,569	85	115	3,620	2,185	2,885
Danville	49,912	1,695	23	52	2,666	2,194	1,648
Lynchburg	63,457	820	24	81	3,977	3,454	3,111
Norfolk	447,121	4,480	1,194	227	34,168	31,483	23,362
Northern Virginia	582,114	5,235	809	830	37,775	39,704	42,263
Richmond	355,585	3,563	188	663	25,149	26,662	27,537
Roanoke	100,037	1,011	124	298	5,901	10,806	6,800
Planning Districts							
LENOWISCO	31,418	883	38	6,047	2,297	1,948	857
Cumberland Plateau	45,195	970	39	14,728	2,405	2,612	1,126
Mount Rogers	75,506	3,235	139	1,187	5,064	3,867	1,913
New River Valley	59,016	1,521	87	231	3,688	2,493	1,706
Fifth	112,806	1,152	240	317	6,986	11,953	7,202
Central Shenandoah	94,596	5,182	448	237	7,364	5,791	3,137
Lord Fairfax	58,774	2,872	113	268	6,418	3,649	2,051
Northern Virginia	565,051	4,998	782	762	35,464	38,315	41,601
Rappahannock-Rapidan	40,433	3,671	68	196	5,058	2,566	1,908
Thomas Jefferson	66,187	2,127	93	232	5,136	3,355	3,419
Central Virginia	86,606	1,797	54	179	5,778	5,340	4,032
West Piedmont	110,216	3,533	65	141	6,036	5,328	3,627
Southside	34,079	2,645	19	126	2,651	1,344	806

CONTINUED ➤

TABLE 13.24A
Employment by Industry for Virginia's Counties and Cities: 1980, *CONTINUED*

	Total Employment	Employment Sector					
		Agriculture	Forestry & Fisheries	Mining	Construction	Transportation, Communications & Other Public Utilities	Finance, Insurance, & Real Estate
Piedmont	32,664	2,496	105	157	2,869	1,941	894
Richmond Regional	305,171	2,838	131	526	21,624	23,819	25,805
RADCO	49,973	995	90	147	5,685	3,917	1,941
Northern Neck	15,668	728	688	19	1,404	916	600
Middle Peninsula	25,135	1,086	549	71	2,390	1,426	935
Crater	63,752	1,553	92	222	4,406	3,530	2,083
Southeastern Virginia	318,251	4,904	377	152	25,143	24,521	17,947
Peninsula	139,834	990	668	118	9,686	7,514	5,671
Accomack-Norhampton	18,070	1,447	729	14	1,139	1,002	482

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population. *General Social and Economic Characteristics, Virginia*. U.S. Government Printing Office, Washington, D.C., 1983.

NOTES: Age 16 and over, enumerated by place of residence.
 A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
 A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 13.24B
Employment by Industry for Virginia's Counties and Cities: 1980, Continued

	Employment Sector						
	Manufacturing			Wholesale Trade	Retail Trade	Services	Public Administration
	Total	Nondurable Goods	Durable Goods				
Virginia	445,280	230,150	215,130	79,377	351,227	689,496	243,235
Counties							
Accomack	3,212	2,766	446	849	1,848	2,629	780
Albemarle	3,970	1,612	2,358	690	3,777	11,198	1,163
Alleghany	1,962	1,741	221	48	726	1,414	134
Amelia	884	509	375	113	406	847	156
Amherst	4,020	1,780	2,240	331	1,568	3,706	281
Appomattox	2,419	1,022	1,397	133	552	832	215
Arlington	4,079	2,517	1,562	1,548	9,749	32,393	22,814
Augusta	7,513	3,842	3,671	767	3,020	5,694	704
Bath	262	198	64	45	175	1,260	64
Bedford	4,942	2,917	2,025	612	1,839	3,332	393
Bland	784	439	345	74	278	398	241
Botetourt	2,370	1,070	1,300	466	1,469	2,525	391
Brunswick	1,903	1,039	864	174	861	1,470	345
Buchanan	421	188	233	285	1,517	2,503	221
Buckingham	1,489	776	713	104	461	1,074	219
Campbell	8,890	3,772	5,118	759	2,676	4,008	554
Caroline	1,555	513	1,042	223	1,439	1,599	539
Carroll	5,734	3,415	2,319	200	1,329	2,228	247

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TABLE 13.24B
Employment by Industry for Virginia's Counties and Cities: 1980, *CONTINUED*

	Employment Sector					
	Manufacturing			Wholesale Trade	Retail Trade	Public Administration
	Total	Nondurable Goods	Durable Goods			
Charles City	1,091	674	417	93	317	263
Charlotte	1,787	1,162	625	139	521	120
Chesterfield	16,605	11,816	4,789	3,363	10,419	5,479
Clarke	822	353	469	101	559	391
Craig	484	161	323	64	141	112
Culpeper	1,761	626	1,135	290	1,292	596
Cumberland	516	242	274	80	381	288
Dickenson	380	300	80	141	514	211
Dinwiddie	2,472	1,797	675	256	1,150	761
Essex	786	328	458	103	681	152
Fairfax	16,523	7,032	9,491	7,309	42,637	66,345
Fauquier	1,376	509	867	416	2,265	1,671
Floyd	1,863	1,114	749	103	477	137
Fluvanna	737	330	407	140	501	245
Franklin	6,486	2,833	3,633	427	1,748	331
Frederick	4,419	2,155	2,264	801	2,493	563
Giles	3,167	2,134	1,033	100	903	245
Gloucester	1,199	366	833	321	1,226	898
Goochland	862	447	415	180	578	340
Grayson	3,838	2,341	1,497	105	606	203
Greene	967	191	776	74	482	199
Greensville	1,402	788	614	187	664	258
Halifax	5,381	3,377	2,004	281	1,416	352
Hanover	4,030	2,101	1,929	1,748	3,731	1,726
Henrico	15,605	9,128	6,477	5,928	15,457	6,725
Henry	16,010	8,740	7,270	518	3,138	462
Highland	212	151	61	25	110	39
Isle of Wight	3,229	1,585	1,664	463	1,159	381
James City	1,317	639	678	150	1,821	785
King and Queen	812	342	470	58	285	96
King George	407	218	189	69	559	889
King William	1,048	592	456	169	581	257
Lancaster	545	311	234	359	631	178
Lee	1,161	563	598	180	1,050	273
Loudoun	1,767	682	1,085	934	3,746	4,288
Louisa	1,941	1,087	854	270	734	273
Lunenburg	1,990	1,157	833	148	628	258
Madison	1,161	458	703	108	489	160
Mathews	425	167	258	146	487	328
Mecklenburg	4,301	3,204	1,097	399	1,846	616
Middlesex	581	291	290	147	509	204
Montgomery	4,954	1,806	3,148	419	4,103	878
Nelson	1,280	663	617	117	384	180
New Kent	861	410	451	222	499	500
Northampton	899	659	240	436	685	212
Northumberland	627	383	244	318	423	194
Nottoway	1,343	823	520	186	841	428
Orange	2,004	1,152	852	194	1,076	333
Page	2,601	2,129	472	163	986	269
Patrick	4,569	3,134	1,435	95	645	139
Pittsylvania	14,204	9,777	4,427	828	3,627	572
Powhatan	973	590	383	206	720	469
Prince Edward	1,257	551	706	156	1,032	304
Prince George	1,905	1,563	342	146	1,378	751

CONTINUED ➞

TABLE 13.24B

Employment by Industry for Virginia's Counties and Cities: 1980, *CONTINUED*

	Employment Sector						
	Manufacturing			Wholesale Trade	Retail Trade	Services	Public Administration
	Total	Nondurable Goods	Durable Goods				
Prince William	4,528	1,568	2,960	1,624	10,946	17,035	13,464
Pulaski	6,621	3,253	3,368	307	1,637	3,497	579
Rappahannock	489	336	153	42	312	657	89
Richmond	577	312	265	290	364	669	211
Roanoke	6,381	2,657	3,724	2,202	5,996	9,612	1,569
Rockbridge	1,967	1,332	635	236	1,057	2,096	230
Rockingham	8,597	5,507	3,090	1,266	3,503	6,566	580
Russell	1,367	863	504	168	1,364	2,156	332
Scott	3,146	2,397	749	233	1,039	1,533	222
Shenandoah	440	3,459	981	493	1,487	2,551	345
Smyth	5,191	2,070	3,121	349	1,496	3,662	457
Southampton	1,898	1,171	727	303	820	1,734	420
Spotsylvania	1,718	817	901	632	2,758	3,895	1,595
Stafford	1,279	550	729	604	3,086	4,475	2,925
Surry	670	365	305	104	270	642	72
Sussex	1,413	588	825	189	663	995	309
Tazewell	1,802	463	1,339	872	2,806	4,613	569
Warren	2,534	1,948	586	160	1,338	2,100	496
Washington	5,484	2,495	2,989	677	2,779	4,516	741
Westmoreland	1,004	380	624	358	786	1,277	467
Wise	861	532	329	453	2,339	2,499	493
Wythe	3,546	1,921	1,625	373	1,467	2,426	435
York	1,956	627	1,329	377	2,360	5,193	1,878
Cities							
Alexandria	2,981	1,563	1,418	1,147	7,242	20,716	16,010
Bedford	822	613	209	119	402	734	90
Bristol	2,374	1,097	1,277	539	1,424	1,784	372
Buena Vista	1,173	808	365	42	394	674	90
Charlottesville	2,076	985	1,091	354	3,001	9,901	894
Chesapeake	8,835	1,788	7,047	1,764	7,496	12,617	4,600
Clifton Forge	367	272	95	26	220	756	73
Colonial Heights	1,728	1,355	373	277	1,365	1,854	965
Covington	1,306	1,227	79	105	670	767	122
Danville	7,654	6,277	1,377	722	3,163	5,242	825
Emporia	531	323	208	80	357	568	104
Fairfax	468	179	289	254	1,620	3,783	1,776
Falls Church	323	170	153	86	656	1,980	1,159
Franklin	1,136	891	245	151	375	666	124
Fredericksburg	726	399	327	186	1,283	2,614	757
Galax	1,281	666	615	56	398	739	93
Hampton	10,048	1,406	8,642	1,286	8,904	14,273	5,341
Harrisonburg	1,502	975	527	334	1,843	3,438	331
Hopewell	3,441	3,018	423	136	1,408	2,017	844
Lexington	243	148	95	14	321	1,332	93
Lynchburg	8,457	4,219	4,238	878	4,228	10,699	935
Manassas	706	156	550	168	1,293	2,230	1,102
Manassas Park	277	119	158	148	593	714	372
Martinsville	3,496	2,077	1,419	171	1,142	1,682	206
Newport News	14,524	2,393	12,131	1,572	9,803	17,263	5,190
Norfolk	9,911	3,217	6,694	3,826	16,242	27,659	9,511
Norton	123	99	24	45	301	474	85
Petersburg	3,714	2,733	981	331	2,347	6,038	1,860
Poquoson	738	99	639	116	548	1,081	494
Portsmouth	8,584	1,952	6,632	1,213	6,343	11,885	4,392

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13 • Labor Force and Employment

TABLE 13.24B

Employment by Industry for Virginia's Counties and Cities: 1980, *CONTINUED*

Employment Sector

	Manufacturing			Wholesale Trade	Retail Trade	Services	Public Administration
	Total	Nondurable Goods	Durable Goods				
Radford	1,466	695	771	39	855	2,306	220
Richmond	17,075	11,967	5,108	3,856	14,992	35,926	7,773
Roanoke	8,027	3,565	4,162	2,308	7,939	13,597	1,425
Salem	2,230	677	1,553	684	1,919	3,591	376
South Boston	1,089	749	340	58	422	890	117
Staunton	2,141	1,189	952	353	1,627	3,604	522
Suffolk	5,940	2,762	3,178	844	2,532	4,648	1,327
Virginia Beach	9,465	2,682	6,783	4,225	22,322	33,667	10,615
Waynesboro	2,885	1,341	1,544	233	1,201	1,664	220
Williamsburg	228	131	97	44	884	2,512	215
Winchester	2,388	1,009	1,379	475	1,453	2,876	343
MSAs							
Bristol (Va. portion)	11,004	5,989	5,015	1,449	5,242	7,833	1,335
Charlottesville	7,750	3,118	4,632	1,258	7,761	23,566	2,501
Danville	21,858	16,054	5,804	1,550	6,790	10,039	1,397
Lynchburg	21,367	9,771	11,596	1,968	8,472	18,413	1,770
Norfolk	72,745	18,062	54,683	15,738	80,481	137,996	45,246
Northern Virginia	32,931	14,536	18,395	13,822	81,570	196,930	130,255
Richmond	70,362	47,599	22,763	16,742	54,361	101,901	28,456
Roanoke	19,008	7,969	10,739	5,660	17,323	29,325	3,761
Planning Districts							
LENOWISCO	5,291	3,591	1,700	911	4,729	6,339	1,078
Cumberland Plateau	3,970	1,814	2,156	1,466	6,201	10,345	1,333
Mount Rogers	28,232	14,444	13,788	2,373	9,777	16,930	2,789
New River Valley	18,071	9,002	9,069	968	7,975	20,217	2,059
Fifth	23,127	11,370	11,457	5,903	19,080	32,624	4,202
Central Shenandoah	26,495	15,491	11,004	3,315	13,251	26,503	2,873
Lord Fairfax	13,204	11,053	6,151	2,193	8,316	13,283	2,407
Northern Virginia	31,652	13,986	17,666	13,218	78,484	192,455	127,330
Rappahannock-Rapidan	6,791	3,081	3,710	1,050	5,437	10,839	2,849
Thomas Jefferson	10,971	4,868	6,103	1,645	8,879	26,496	2,954
Central Virginia	29,550	14,323	15,227	2,832	11,265	23,311	2,468
West Piedmont	52,399	32,838	19,561	2,761	13,463	20,328	2,535
Southside	12,674	8,369	4,305	912	4,545	6,927	1,430
Piedmont	9,266	5,220	4,046	926	4,270	7,967	1,773
Richmond Regional	57,102	37,133	19,969	15,596	46,713	87,742	23,275
RADCO	5,685	2,497	3,188	1,714	9,125	13,969	6,705
Northern Neck	2,753	1,386	1,367	1,325	2,204	3,981	1,050
Middle Peninsula	4,851	2,086	2,765	944	3,769	7,179	1,935
Crater	17,276	12,530	4,746	1,706	9,602	17,357	5,924
Southeastern Virginia	48,998	16,048	32,970	12,789	57,289	94,760	31,370
Peninsula	28,811	5,295	23,516	3,545	24,320	44,608	13,903
Accomack-Northampton	4,111	3,425	686	1,285	2,533	4,336	992

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population, *General Social and Economic Characteristics, Virginia*. U.S. Government Printing Office, Washington, D.C., 1983.

NOTES: Age 16 and over, enumerated by place of residence.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 13.25A
Industrial Distributions for Employed Females
in Virginia's Counties and Cities: 1980

	Total Employed	Employment Sector					
		Agriculture	Forestry & Fisheries	Mining	Construction	Transportation, Communications, & Other Public Utilities	Finance, Insurance, & Real Estate
Virginia	1,034,532	9,440	1,076	1,588	14,790	40,145	76,298
Counties							
Accomack	5,554	192	45	...	45	186	193
Albemarle	12,126	185	28	...	158	384	805
Alleghany	1,990	7	5	...	22	47	111
Amelia	1,426	41	...	...	40	16	76
Amherst	5,503	20	...	...	61	153	309
Appomattox	2,306	6	...	...	35	48	117
Arlington	42,172	126	39	21	435	1,874	3,557
Augusta	9,917	314	16	...	111	379	478
Bath	955	9	...	...	57	58	20
Bedford	6,032	124	6	18	88	212	453
Bland	963	41	...	13	...	23	16
Botetourt	3,985	54	6	32	27	155	360
Brunswick	2,729	22	...	5	15	38	56
Buchanan	3,554	11	6	183	16	133	194
Buckingham	1,886	11	7	19	5	16	60
Campbell	8,730	93	...	...	64	275	492
Caroline	3,150	46	7	2	31	124	152
Carroll	5,227	64	...	...	31	55	88
Charles City	1,362	34	16	...	...	53	74
Charlotte	1,929	39	...	...	7	42	70
Chesterfield	28,981	152	...	10	482	1,483	3,244
Clarke	1,821	67	...	...	25	68	116
Craig	641	7	15	2	9	12	56
Culpeper	3,984	110	10	...	95	117	183
Cumberland	1,244	43	5	3	16	17	71
Dickenson	1,446	...	...	76	16	33	64
Dinwiddie	3,842	52	7	16	22	124	116
Essex	1,651	17	6	...	31	21	115
Fairfax	135,057	666	198	98	2,159	6,001	13,837
Fauquier	6,596	337	...	34	154	266	515
Floyd	1,942	75	...	...	32	38	131
Fluvanna	1,956	24	...	...	19	69	117
Franklin	6,402	101	6	6	54	115	390
Frederick	6,150	94	...	6	109	214	322
Giles	2,965	12	7	2	5	35	108
Gloucester	3,398	37	8	7	39	161	116
Goochland	2,028	37	...	...	34	46	324
Grayson	3,092	23	...	...	18	25	86
Greene	1,603	34	2	...	11	99	102
Greensville	1,890	20	...	...	8	55	68
Halifax	5,391	135	...	...	12	103	174
Hanover	10,359	179	...	31	283	557	1,232
Henrico	43,359	198	13	41	733	2,652	6,107
Henry	12,926	36	...	9	99	335	521
Highland	468	45	...	...	43	13	19
Isle of Wight	3,733	59	...	...	52	242	168
James City	4,444	29	...	...	28	198	168
King and Queen	887	14	12	...	...	36	64
King George	1,651	11	...	5	37	54	58
King William	1,682	24	...	...	18	62	139

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TABLE 13.25A
Industrial Distributions for Employed Females in
Virginia's Counties and Cities: 1980, *CONTINUED*

	Total Employed	Employment Sector					
		Agriculture	Forestry & Fisheries	Mining	Construction	Transportation, Communications, & Other Public Utilities	Finance, Insurance, & Real Estate
Lancaster	1,826	6	32	...	5	54	104
Lee	2,760	58	...	52	23	63	108
Loudoun	11,623	318	28	11	312	705	972
Louisa	3,105	62	...	...	23	230	259
Lunenburg	2,114	18	...	...	10	47	79
Madison	1,791	54	...	...	19	32	117
Mathews	1,327	32	5	...	30	73	73
Mecklenburg	5,474	169	...	11	76	102	165
Middlesex	1,241	63	...	6	6	58	73
Montgomery	11,344	96	17	19	107	227	415
Nelson	1,878	33	4	5	23	59	89
New Kent	1,630	21	...	4	31	79	165
Northampton	2,364	78	33	...	30	46	73
Northumberland	1,486	17	23	...	9	97	82
Nottoway	2,519	65	...	...	24	38	98
Orange	3,214	135	...	...	29	141	194
Page	3,184	66	...	6	70	34	104
Patrick	3,603	89	...	...	...	52	90
Pittsylvania	12,722	262	...	...	96	201	481
Powhatan	1,991	60	...	...	33	83	182
Prince Edward	2,725	24	7	...	15	34	94
Prince George	3,325	...	...	...	49	87	170
Prince William	27,708	199	29	6	714	1,413	2,301
Pulaski	6,450	66	7	6	83	90	235
Rappahannock	1,058	31	...	...	34	35	56
Richmond	1,254	27	8	...	13	95	46
Roanoke	14,910	60	6	7	269	705	1,466
Rockbridge	3,023	48	34	...	28	113	181
Rockingham	11,594	577	56	2	125	240	421
Russell	3,463	20	...	179	13	52	118
Scott	2,818	16	4	11	2	42	90
Shenandoah	5,192	141	10	...	53	172	222
Smyth	5,862	73	16	...	20	53	123
Southampton	2,762	113	...	7	58	94	77
Spotsylvania	5,845	57	...	...	130	217	377
Stafford	6,709	51	...	6	110	240	399
Surry	1,003	20	...	...	25	37	38
Sussex	1,903	17	6	10	12	41	67
Tazewell	6,308	36	...	133	71	111	344
Warren	3,833	45	9	...	60	92	236
Washington	7,394	132	2	13	86	154	306
Westmoreland	2,240	18	7	7	33	77	78
Wise	4,929	11	8	219	64	142	241
Wythe	4,824	30	12	12	40	209	153
York	6,397	32	13	...	110	200	378
Cities							
Alexandria	29,610	118	34	35	361	1,718	2,557
Bedford	1,171	...	...	...	6	19	47
Bristol	3,550	17	...	15	30	201	194
Buena Vista	1,267	...	10	...	...	27	61
Charlottesville	9,741	62	...	12	72	265	507
Chesapeake	19,929	143	...	...	339	1,046	1,465
Clifton Forge	880	...	...	...	12	16	37
Colonial Heights	3,270	20	...	...	93	158	186

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TABLE 13.25A
Industrial Distributions for Employed Females in
Virginia's Counties and Cities: 1980, *CONTINUED*

	Total Employed	Employment Sector					
		Agriculture	Forestry & Fisheries	Mining	Construction	Transportation, Communications, & Other Public Utilities	Finance, Insurance, & Real Estate
Covington	1,506	...	19	...	20	28	81
Danville	9,533	27	...	...	55	151	443
Emporia	891	9	...	...	...	12	51
Fairfax	4,702	21	...	...	108	181	551
Falls Church	2,430	...	8	...	22	140	208
Franklin	1,103	14	...	...	15	18	323
Fredericksburg	3,484	13	...	...	45	116	148
Galax	1,331	...	...	...	...	7	47
Hampton	21,907	88	16	5	349	714	1,067
Harrisonburg	4,364	30	23	...	77	118	208
Hopewell	3,933	5	...	5	78	124	182
Lexington	913	6	...	...	...	16	32
Lynchburg	14,238	19	...	13	100	364	1,013
Manassas	3,121	6	6	...	85	105	351
Manassas Park	1,317	7	...	...	57	101	90
Martinsville	3,709	13	...	...	53	81	196
Newport News	25,719	80	39	13	559	762	1,484
Norfolk	39,485	227	16	...	611	1,907	2,579
Norton	669	...	...	27	10	21	23
Petersburg	7,888	...	...	6	43	164	228
Poquoson	1,476	7	...	...	38	66	110
Portsmouth	17,713	69	...	...	225	648	1,006
Radford	2,779	...	...	6	16	45	104
Richmond	49,570	137	...	35	496	2,103	4,362
Roanoke	20,074	91	...	19	270	1,068	1,793
Salem	5,121	11	5	...	84	157	475
South Boston	1,578	5	...	...	23	23	79
Staunton	4,908	32	19	10	60	199	191
Suffolk	8,139	130	8	5	163	265	368
Virginia Beach	48,299	340	13	11	1,066	2,079	4,780
Waynesboro	3,079	10	7	...	28	81	127
Williamsburg	2,210	41	...	...	10	30	78
Winchester	4,191	19	7	...	47	113	204
MSAs							
Bristol (Va. portion)	13,762	165	6	39	118	397	590
Charlottesville	25,426	305	30	12	260	817	1,531
Danville	22,255	289	...	...	151	352	924
Lynchburg	28,471	132	...	13	225	792	1,814
Norfolk	199,120	1,223	113	41	3,537	8,076	13,599
Northern Virginia	264,449	1,512	342	177	4,363	12,478	24,823
Richmond	161,538	895	36	148	2,377	7,713	16,572
Roanoke	44,090	216	17	58	650	2,085	4,094
Planning Districts							
LENOWISCO	11,176	85	12	309	99	268	462
Cumberland Plateau	14,771	67	6	571	116	329	720
Mount Rogers	32,243	380	30	53	225	727	1,013
New River Valley	25,480	249	31	33	243	435	993
Fifth	49,107	230	56	60	713	2,188	4,379
Central Shenandoah	40,488	1,071	165	12	529	1,244	1,738
Lord Fairfax	24,371	432	26	12	364	693	1,204
Northern Virginia	257,740	1,461	342	171	4,253	12,238	24,424
Rappahannock-Rapidan	16,643	667	10	34	331	591	1,065
Thomas Jefferson	30,409	400	34	17	306	1,106	1,879

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TABLE 13.25A
Industrial Distributions for Employed Females in
Virginia's Counties and Cities: 1980, *CONTINUED*

	Total Employed	Employment Sector					
		Agriculture	Forestry & Fisheries	Mining	Construction	Transportation, Communications, & Other Public Utilities	Finance, Insurance, & Real Estate
Central Virginia	37,980	262	6	31	354	1,071	2,431
West Piedmont	48,895	528	6	15	357	935	2,121
Southside	15,172	331	...	16	126	266	474
Piedmont	13,843	241	19	22	117	210	548
Richmond Regional	139,280	818	29	121	2,092	7,056	15,690
RADCO	20,759	178	7	13	353	751	1,134
Northern Neck	6,806	68	70	7	60	323	310
Middle Peninsula	10,186	187	31	13	124	411	580
Crater	27,945	143	13	37	330	802	1,106
Southeastern Virginia	141,167	1,095	37	23	2,529	6,299	10,766
Peninsula	62,153	277	68	18	1,094	1,970	3,285
Accomack-Norhampton	7,918	270	78	...	75	232	266

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population. *General Social and Economic Characteristics Virginia*. U.S. Government Printing Office, Washington, D.C., 1983.

NOTES: Age 16 and over, enumerated by place of residence.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 13.25B
Industrial Distributions for Employed Females in
Virginia's Counties and Cities: 1980, Continued

	Employment Sector						
	Manufacturing						Public Administration
	Total	Nondurable Goods	Durable Goods	Wholesale Trade	Retail Trade	Services	
Virginia	158,453	102,401	56,052	20,799	180,879	434,380	96,684
Counties							
Accomack	1,499	1,373	126	299	992	1,777	326
Albemarle	1,519	686	833	145	1,984	6,468	450
Alleghany	393	351	42	12	339	993	61
Amelia	311	262	49	26	212	638	66
Amherst	1,218	740	478	77	837	2,699	129
Appomattox	1,076	603	473	50	262	622	90
Arlington	1,638	1,109	529	504	4,627	18,468	10,883
Augusta	2,778	1,488	1,290	181	1,598	3,805	257
Bath	75	69	6	16	74	622	24
Bedford	1,763	1,274	489	110	894	2,258	106
Bland	386	331	55	9	128	271	76
Botetourt	661	465	196	99	682	1,745	164
Brunswick	963	779	184	26	468	1,028	108

CONTINUED ➡

TABLE 13.25B

Industrial Distributions for Employed Females in
Virginia's Counties and Cities: 1980, *CONTINUED*

	Employment Sector						
	Manufacturing			Wholesale Trade	Retail Trade	Services	Public Administration
	Total	Nondurable Goods	Durable Goods				
Buchanan	135	92	43	57	765	1,947	107
Buckingham	635	541	94	39	268	731	95
Campbell	3,320	1,669	1,651	195	1,286	2,777	228
Caroline	624	245	379	71	870	1,017	206
Carroll	2,811	2,092	719	40	544	1,469	125
Charles City	300	169	131	17	164	552	152
Charlotte	819	705	114	26	258	608	60
Chesterfield	4,387	3,242	1,145	897	5,092	10,585	2,649
Clarke	424	185	239	31	265	698	127
Craig	167	81	86	17	68	230	58
Culpeper	700	417	283	42	741	1,723	263
Cumberland	218	140	78	31	236	475	129
Dickenson	259	250	9	17	248	609	124
Dinwiddie	871	652	219	32	505	1,718	379
Essex	255	175	80	35	388	733	50
Fairfax	5,352	2,633	2,719	2,071	20,522	60,279	23,874
Fauquier	522	260	262	123	1,163	2,906	576
Floyd	809	711	98	24	215	559	59
Fluvanna	348	169	179	31	178	1,056	114
Franklin	2,635	1,499	1,136	91	819	2,080	105
Frederick	1,697	873	824	231	1,247	2,045	185
Giles	1,207	933	274	26	449	1,027	87
Gloucester	201	108	93	62	685	1,811	271
Goochland	251	184	67	26	295	870	145
Grayson	1,845	1,488	357	14	276	747	58
Greene	469	88	381	12	217	577	80
Greensville	521	429	92	35	316	795	72
Halifax	2,461	1,959	502	58	691	1,602	155
Hanover	1,140	674	466	517	1,874	3,712	834
Henrico	4,805	3,075	1,730	1,639	7,813	16,221	3,137
Henry	7,252	4,618	2,634	116	1,596	2,793	169
Highland	124	120	4	9	62	129	24
Isle of Wight	932	646	286	139	663	1,355	123
James City	353	148	205	12	937	2,503	216
King and Queen	162	74	88	19	141	395	44
King George	175	129	46	4	255	773	279
King William	297	136	161	59	281	697	105
Lancaster	225	159	66	133	326	869	72
Lee	524	380	144	25	595	1,215	97
Loudoun	601	290	311	219	1,806	5,310	1,341
Louisa	996	762	234	70	265	1,107	93
Lunenburg	927	790	137	47	297	594	95
Madison	445	300	145	7	295	735	87
Mathews	94	71	23	60	244	617	99
Mecklenburg	2,100	1,957	143	111	964	1,574	202
Middlesex	121	94	27	46	253	531	84
Montgomery	1,946	829	1,117	99	2,023	6,088	307
Nelson	512	318	194	38	193	826	96
New Kent	177	93	84	50	293	614	196
Northampton	378	350	28	149	339	1,177	61
Northumberland	233	180	53	96	231	588	110
Nottoway	654	577	77	16	462	989	173

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13 • Labor Force and Employment

TABLE 13.25B

Industrial Distributions for Employed Females in Virginia's Counties and Cities: 1980, *CONTINUED*

Employment Sector

	Manufacturing						Public Administration
	Total	Nondurable Goods	Durable Goods	Wholesale Trade	Retail Trade	Services	
Orange	982	652	330	36	457	1,082	158
Page	1,344	1,199	145	28	510	930	92
Patrick	2,177	1,829	348	26	304	799	66
Pittsylvania	6,216	4,556	1,660	259	1,779	3,201	227
Powhatan	254	206	48	58	369	746	206
Prince Edward	639	381	258	32	555	1,190	135
Prince George	477	413	64	35	755	1,423	329
Prince William	1,267	543	724	502	5,634	10,617	5,026
Pulaski	2,428	1,632	796	39	778	2,490	230
Rappahannock	292	267	25	13	163	405	29
Richmond	231	198	33	76	199	472	87
Roanoke	1,853	1,138	715	517	3,076	6,343	608
Rockbridge	681	543	138	55	587	1,205	91
Rockingham	3,613	2,792	821	320	1,776	4,223	241
Russell	793	707	86	36	648	1,471	133
Scott	962	724	238	41	565	985	100
Shenandoah	2,035	1,839	196	101	792	1,584	82
Smyth	2,333	1,497	836	36	794	2,216	198
Southampton	405	318	87	72	446	1,330	160
Spotsylvania	503	351	152	179	1,371	2,419	592
Stafford	478	313	165	164	1,546	2,690	1,025
Surry	147	98	49	33	184	472	47
Sussex	401	208	193	60	355	774	160
Tazewell	530	277	253	157	1,439	3,249	238
Warren	1,060	837	223	37	776	1,336	182
Washington	2,147	1,539	608	116	1,367	2,752	319
Westmoreland	577	259	318	140	363	731	209
Wise	428	336	92	95	1,182	2,333	206
Wythe	1,698	1,215	483	68	734	1,677	191
York	343	160	183	135	1,386	3,192	608
Cities							
Alexandria	1,232	723	509	372	3,507	12,190	7,486
Bedford	258	210	48	36	210	572	23
Bristol	966	560	406	59	752	1,206	110
Buena Vista	426	377	49	14	222	468	39
Charlottesville	1,024	515	509	103	1,347	5,890	459
Chesapeake	1,944	593	1,351	535	4,130	8,712	1,615
Clifton Forge	123	95	28	5	130	516	41
Colonial Heights	542	395	147	45	641	1,180	405
Covington	380	351	29	30	370	506	72
Danville	3,131	2,656	475	181	1,550	3,621	374
Emporia	186	149	37	20	162	417	34
Fairfax	142	62	80	73	691	2,259	676
Falls Church	80	42	38	40	297	1,125	510
Franklin	256	213	43	76	195	448	48
Fredericksburg	299	213	86	42	607	1,833	301
Galax	573	394	179	10	190	450	54
Hampton	2,473	642	1,831	433	5,205	9,378	2,179
Harrisonburg	596	447	149	62	1,005	2,093	152
Hopewell	915	756	159	34	776	1,417	397
Lexington	45	26	19	3	170	604	37
Lynchburg	2,841	1,631	1,210	229	2,190	1,082	387
Manassas	254	83	171	48	574	1,361	331

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TABLE 13.25B
Industrial Distributions for Employed Females in
Virginia's Counties and Cities: 1980, *CONTINUED*

	Employment Sector						
	Manufacturing			Wholesale Trade	Retail Trade	Services	Public Administration
	Total	Nondurable Goods	Durable Goods				
Manassas Park	47	26	21	46	359	412	198
Martinsville	1,540	1,049	491	48	579	1,121	78
Newport News	3,301	910	2,391	502	5,593	11,424	1,962
Norfolk	2,706	1,290	1,416	1,054	9,025	17,779	3,585
Norton	60	46	14	0	160	339	29
Petersburg	1,215	910	305	54	1,263	4,150	765
Poquoson	161	45	116	27	224	611	232
Portsmouth	2,481	855	1,626	337	3,491	7,962	1,494
Radford	507	281	226	16	506	1,455	124
Richmond	5,967	4,640	1,327	810	8,124	23,500	4,036
Roanoke	2,725	1,776	949	634	4,356	8,574	544
Salem	756	359	397	149	1,003	2,319	162
South Boston	571	455	116	5	186	645	41
Staunton	871	547	324	51	829	2,409	237
Suffolk	1,766	996	770	199	1,399	3,362	474
Virginia Beach	2,260	1,017	1,243	1,157	12,063	21,148	3,382
Waynesboro	904	299	605	47	652	1,123	100
Williamsburg	52	38	14	16	427	1,460	96
Winchester	887	413	474	146	755	1,890	123
MSAs							
Bristol (Va. portion)	4,075	2,823	1,252	216	2,684	4,943	529
Charlottesville	3,360	1,458	1,902	291	3,726	13,991	1,103
Danville	9,347	7,212	2,135	440	3,329	6,822	601
Lynchburg	7,379	4,040	3,339	501	4,313	12,558	744
Norfolk	18,041	6,802	11,239	4,469	44,565	89,342	16,114
Northern Virginia	11,091	5,824	5,267	4,039	39,563	114,711	51,350
Richmond	21,301	15,409	5,892	4,214	27,964	66,688	13,630
Roanoke	5,995	3,738	2,257	1,399	9,117	18,981	1,478
Planning Districts							
LENOWISCO	1,974	1,486	488	161	2,502	4,872	432
Cumberland Plateau	1,717	1,326	391	267	3,100	7,276	602
Mount Rogers	12,759	9,116	3,643	352	4,785	10,788	1,131
New River Valley	6,897	4,386	2,511	204	3,969	11,619	807
Fifth	7,058	4,616	2,442	1,463	10,024	21,226	1,710
Central Shenandoah	10,113	6,708	3,405	758	6,975	16,681	1,202
Lord Fairfax	7,447	5,346	2,101	574	4,345	8,483	791
Northern Virginia	10,613	5,511	5,102	3,875	38,017	112,021	50,325
Rappahannock-Rapidan	2,941	1,896	1,045	221	2,819	6,851	1,113
Thomas Jefferson	4,868	2,538	2,330	399	4,184	15,924	1,292
Central Virginia	10,476	6,127	4,349	697	5,679	16,010	963
West Piedmont	22,951	16,207	6,744	721	6,627	13,615	1,019
Southside	6,095	5,150	945	200	2,309	4,849	506
Piedmont	4,203	3,396	807	217	2,288	5,225	753
Richmond Regional	17,281	12,283	4,998	4,014	24,024	56,800	11,355
RADCO	2,079	1,251	828	460	4,649	8,732	2,403
Northern Neck	1,266	796	470	445	1,119	2,660	478

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TABLE 13.25B
Industrial Distributions for Employed Females in
Virginia's Counties and Cities: 1980, *CONTINUED*

	Employment Sector						
	Manufacturing			Wholesale Trade	Retail Trade	Services	Public Administration
	Total	Nondurable Goods	Durable Goods				
Middle Peninsula	1,130	658	472	281	1,992	4,784	653
Crater	5,275	4,010	1,265	348	4,957	12,346	2,588
Southeastern Virginia	12,750	5,928	6,822	3,569	31,412	62,096	10,881
Peninsula	6,683	1,943	4,740	1,125	13,772	28,568	5,293
Accomack-Norhampton	1,877	1,723	154	448	1,331	2,954	387

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population, *General Social and Economic Characteristics Virginia*. U.S. Government Printing Office, Washington, D.C., 1983.

NOTES: Age 16 and over, enumerated by place of residence.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 13.26A
Establishments by Industry for Virginia's Counties and Cities: 1986

	Industry Division				
	Total Establishments	Agriculture, Forestry, & Fisheries	Mining	Contract Construction	Manufacturing
Virginia	131,659	1,458	766	14,598	5,751
Counties					
Accomack	671	10	...	57	35
Albemarle	658	21	4	118	39
Alleghany	26	...	...	2	2
Amelia	170	3	...	53	16
Amherst	449	3	1	60	39
Appomattox	215	2	1	19	27
Arlington	4,196	17	2	200	114
Augusta	869	16	3	167	60
Bath	125	2	...	20	5
Bedford	357	3	...	85	35
Bland	85	...	1	8	8
Botetourt	338	6	1	38	9
Brunswick	298	3	1	30	52
Buchanan	719	...	199	27	19
Buckingham	200	3	2	22	28
Campbell	571	6	1	69	52
Caroline	266	2	4	37	30
Carroll	329	2	1	46	39
Charles City	49	1	...	11	10
Charlotte	218	3	1	13	34
Chesterfield	3,446	54	4	638	107
Clarke	415	14	3	77	25
Craig	46	...	1	4	4

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TABLE 13.26A
Establishments by Industry for Virginia's
Counties and Cities: 1986, *CONTINUED*

	Total Establishments	Industry Division			
		Agriculture, Forestry, & Fisheries	Mining	Contract Construction	Manufacturing
Culpeper	572	14	4	81	32
Cumberland	120	1	1	12	6
Dickenson	284	...	41	11	9
Dinwiddie	196	1	1	41	14
Essex	289	5	...	23	31
Fairfax	15,851	194	16	1,649	443
Fauquier	1,077	40	1	230	28
Floyd	186	8	...	26	29
Fluvanna	157	2	1	40	9
Franklin	599	8	1	89	54
Frederick	403	12	5	67	20
Giles	296	2	...	26	15
Gloucester	581	14	1	111	31
Goochland	295	16	3	51	13
Grayson	145	2	...	11	15
Greene	127	2	1	34	10
Greensville	19	...	...	1	3
Halifax	190	3	...	23	11
Hanover	1,571	26	5	349	111
Henrico	4,699	54	2	570	165
Henry	736	6	4	93	73
Highland	71	1	...	10	6
Isle of Wight	389	8	2	60	19
James City	288	7	...	49	13
King and Queen	74	3	...	10	15
King George	195	...	1	28	11
King William	204	3	2	21	18
Lancaster	434	7	...	44	25
Lee	345	...	27	15	17
Loudoun	1,874	38	4	318	72
Louisa	302	6	1	47	29
Lunenburg	231	3	...	24	29
Madison	201	3	...	39	17
Mathews	167	8	...	21	9
Mecklenburg	700	5	1	66	49
Middlesex	256	5	...	32	22
Montgomery	1,186	13	4	129	44
Nelson	236	2	2	30	31
New Kent	165	4	...	33	12
Northampton	304	5	...	23	11
Northumberland	244	13	...	40	26
Nottoway	305	2	...	32	19
Orange	465	2	...	85	29
Page	419	19	...	70	19
Patrick	283	2	1	25	43
Pittsylvania	698	6	3	114	59
Powhatan	202	3	2	69	11
Prince Edward	399	6	1	36	26
Prince George	188	1	1	37	18
Prince William	2,832	41	3	560	70
Pulaski	553	10	3	56	35
Rappahannock	107	2	...	25	6
Richmond	201	3	...	18	14
Roanoke	1,324	23	3	193	44
Rockbridge	300	5	8	33	26

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TABLE 13.26A
Establishments by Industry for Virginia's
Counties and Cities: 1986, *CONTINUED*

	Total Establishments	Industry/ Division			
		Agriculture, Forestry, & Fisheries	Mining	Contract Construction	Manufacturing
Rockingham	898	16	3	160	68
Russell	430	1	49	30	19
Scott	359	7	9	33	28
Shenandoah	682	6	...	82	44
Smyth	610	1	1	42	48
Southampton	292	2	1	31	30
Spotsylvania	387	3	1	84	18
Stafford	640	8	2	170	27
Surry	67	...	...	8	7
Sussex	216	2	1	12	16
Tazewell	1,124	3	89	54	53
Warren	538	5	...	76	26
Washington	583	2	13	45	34
Westmoreland	292	5	...	18	29
Wise	878	1	115	50	16
Wythe	531	4	4	53	34
York	596	16	1	119	21
Cities					
Alexandria	3,605	9	2	192	127
Bedford	481	7	...	72	39
Bristol	815	3	10	50	54
Buena Vista	116	...	...	7	12
Charlottesville	2,351	33	5	188	71
Chesapeake	2,520	52	5	464	89
Clifton Forge	122	...	1	2	4
Colonial Heights	362	7	1	40	9
Covington	335	1	...	25	19
Danville	1,470	7	...	105	54
Emporia	302	4	...	21	21
Fairfax	1,586	15	...	136	24
Falls Church	769	2	...	46	22
Franklin	264	1	1	13	12
Fredericksburg	1,451	10	1	167	50
Galax	298	5	1	6	25
Hampton	2,414	16	1	273	72
Harrisonburg	1,047	6	2	54	44
Hopewell	492	2	1	58	19
Lexington	375	5	...	33	6
Lynchburg	2,284	18	...	160	121
Manassas	836	15	1	93	33
Manassas Park	66	1	...	23	2
Martinsville	692	3	1	24	48
Newport News	3,377	33	1	401	98
Norfolk	6,003	39	7	454	235
Norton	245	...	11	10	4
Petersburg	1,096	4	1	72	45
Poquoson	105	4	...	25	4
Portsmouth	1,855	9	...	176	59
Radford	354	1	1	24	15
Richmond	7,964	42	15	580	411
Roanoke	3,764	28	7	283	168
Salem	739	3	1	70	42
South Boston	447	...	1	33	28

CONTINUED ➡

TABLE 13.26A
Establishments by Industry for Virginia's
Counties and Cities: 1986, *CONTINUED*

	Total Establishments	Industry Division			
		Agriculture, Forestry, & Fisheries	Mining	Contract Construction	Manufacturing
Staunton	756	3	1	57	23
Suffolk	998	15	...	115	67
Virginia Beach	7,639	97	5	1,016	145
Waynesboro	495	5	...	28	32
Williamsburg	956	15	1	91	22
Winchester	1,363	15	...	105	51
Unclassified ¹	86	1	6	8	2
MSAs					
Bristol (Va. portion)	1,757	12	32	128	116
Charlottesville	3,293	58	11	380	129
Danville	2,168	13	3	219	113
Lynchburg	3,304	27	2	289	212
Norfolk	27,322	317	22	3,294	856
Northern Virginia	32,255	340	30	3,387	934
Richmond	20,725	215	36	2,549	945
Roanoke	6,165	60	12	584	263
Planning Districts					
LENOWISCO	1,827	8	162	108	65
Cumberland Plateau	2,557	4	378	122	100
Mount Rogers	3,396	19	31	261	257
New River Valley	2,575	34	8	261	138
Fifth	6,694	61	14	617	292
Central Shenandoah	5,052	59	17	569	282
Lord Fairfax	3,820	71	8	477	185
Northern Virginia	31,615	332	28	3,217	907
Rappahannock-Rapidan	2,422	61	5	460	112
Thomas Jefferson	3,831	66	14	457	189
Central Virginia	4,357	39	3	465	313
West Piedmont	4,478	32	10	450	331
Southside	1,635	11	3	152	140
Piedmont	1,643	21	5	192	158
Richmond Regional	18,391	200	31	2,301	840
RADCO	2,939	23	9	486	136
Northern Neck	1,171	28	0	120	94
Middle Peninsula	1,571	38	3	218	126
Crater	2,938	21	6	290	152
Southeastern Virginia	19,950	223	21	2,329	656
Peninsula	7,736	91	4	958	230
Accomack-Norhampton	975	15	0	80	46

SOURCE: U.S. Department of Commerce, Bureau of the Census. *County Business Patterns 1986 Virginia*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: ¹Unclassified industries are included in the state total, but not the totals for metropolitan statistical areas (MSAs) or planning districts.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.



TABLE 13.26B
Establishments by Industry for Virginia's
Counties and Cities: 1986, Continued

	Industry Division					
	Transportation & other Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Nonclassifiable
Virginia	4,630	7,754	32,832	11,585	42,524	9,761
Counties						
Accomack	35	62	206	40	175	51
Albemarle	13	34	176	25	165	63
Alleghany	2	...	5	2	12	1
Amelia	8	10	27	6	29	18
Amherst	23	16	119	20	137	31
Appomattox	11	7	51	13	65	19
Arlington	156	185	785	497	1,966	274
Augusta	38	42	191	48	239	65
Bath	7	1	38	5	39	8
Bedford	19	21	51	15	85	43
Bland	5	3	20	5	23	12
Botetourt	17	17	81	20	106	43
Brunswick	27	12	72	17	58	26
Buchanan	72	41	145	24	131	61
Buckingham	13	11	47	6	42	26
Campbell	22	35	168	26	147	45
Caroline	15	10	68	17	62	21
Carroll	11	16	92	13	79	30
Charles City	6	2	5	...	9	5
Charlotte	10	12	57	13	46	29
Chesterfield	94	218	800	283	966	282
Clarke	22	34	87	13	93	47
Craig	3	3	12	2	11	6
Culpeper	29	29	142	41	152	48
Cumberland	4	7	33	8	37	11
Dickenson	38	6	83	11	57	28
Dinwiddie	9	7	38	9	46	30
Essex	8	15	78	16	88	25
Fairfax	440	781	3,324	1,626	6,206	1,172
Fauquier	38	47	206	72	315	100
Floyd	9	5	47	8	35	19
Fluvanna	5	4	30	9	42	15
Franklin	34	35	148	36	151	43
Frederick	12	18	111	21	87	50
Giles	13	15	94	23	92	16
Gloucester	21	29	123	40	152	59
Goochland	28	22	59	16	63	24
Grayson	5	7	40	14	40	11
Greene	4	5	28	5	23	15
Greensville	...	2	5	...	7	1
Halifax	10	10	44	7	66	16
Hanover	55	138	291	79	371	146
Henrico	114	427	1,120	452	1,518	277
Henry	34	36	215	48	160	67
Highland	2	4	15	5	20	8
Isle of Wight	25	36	90	32	84	33
James City	6	16	108	8	61	20
King and Queen	1	3	14	2	15	11
King George	8	6	40	12	71	18
King William	6	10	53	16	68	7
Lancaster	10	28	124	39	124	33
Lee	25	18	112	15	87	29

CONTINUED ➡

TABLE 13.26B
Establishments by Industry for Virginia's
Counties and Cities: 1986, *CONTINUED*

	Industry Division					
	Transportation & other Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Nonclassifiable
Loudoun	75	77	402	128	590	170
Louisa	17	12	71	17	74	28
Lunenburg	6	11	75	7	55	21
Madison	8	8	41	12	56	17
Mathews	4	10	38	11	46	20
Mecklenburg	32	50	231	45	168	53
Middlesex	20	15	61	18	71	12
Montgomery	35	38	370	94	382	77
Nelson	12	9	56	14	55	25
New Kent	10	9	35	3	40	19
Northampton	15	21	96	20	82	31
Northumberland	12	19	51	14	49	20
Nottoway	14	16	102	18	76	26
Orange	17	25	117	26	111	53
Page	9	16	114	23	112	37
Patrick	15	8	81	22	53	33
Pittsylvania	22	52	184	27	187	44
Powhatan	12	9	37	5	29	25
Prince Edward	12	28	123	29	107	31
Prince George	8	8	45	6	46	18
Prince William	84	102	762	151	827	232
Pulaski	33	27	127	41	172	49
Rappahannock	4	5	23	6	23	13
Richmond	11	20	52	11	53	19
Roanoke	43	106	336	101	386	89
Rockbridge	10	17	91	7	76	27
Rockingham	37	55	208	31	242	78
Russell	34	21	107	20	107	42
Scott	28	14	116	23	83	18
Shenandoah	42	24	172	46	212	54
Smyth	27	32	193	36	166	64
Southampton	19	27	75	12	66	29
Spotsylvania	20	18	123	15	77	28
Stafford	25	25	131	37	160	55
Surry	4	5	19	6	13	5
Sussex	12	24	65	7	52	25
Tazewell	55	100	307	69	323	71
Warren	13	24	149	39	173	33
Washington	17	42	161	46	184	39
Westmoreland	14	25	68	14	87	32
Wise	89	47	234	42	232	52
Wythe	28	24	159	30	143	52
York	14	29	158	40	157	41
Cities						
Alexandria	128	204	737	351	1,620	235
Bedford	11	28	119	35	137	33
Bristol	22	76	271	66	215	46
Buena Vista	3	4	40	7	36	7
Charlottesville	63	113	609	270	818	181
Chesapeake	116	188	558	149	676	223
Clifton Forge	6	6	42	11	45	5
Colonial Heights	5	11	104	33	121	31
Covington	17	15	114	24	100	20
Danville	47	95	460	147	467	88

CONTINUED ➡



TABLE 13.26B
Establishments by Industry for Virginia's
Counties and Cities: 1986, *CONTINUED*

	Industry Division					
	Transportation & other Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Nonclassifiable
Emporia	12	19	109	27	75	14
Fairfax	33	69	377	199	637	96
Falls Church	12	32	153	65	374	63
Franklin	6	12	91	30	83	15
Fredericksburg	42	69	378	136	460	138
Galax	8	14	112	26	84	17
Hampton	66	109	725	197	787	168
Harrisonburg	37	85	318	99	337	65
Hopewell	14	17	141	36	167	37
Lexington	11	15	111	42	127	25
Lynchburg	73	153	609	231	772	147
Manassas	23	36	220	82	272	61
Manassas Park	1	3	16	4	11	5
Martinsville	25	31	199	88	236	37
Newport News	81	138	878	420	1,097	230
Norfolk	269	472	1,606	720	1,896	305
Norton	15	26	69	16	82	12
Petersburg	28	61	351	94	379	61
Poquoson	3	2	23	7	37	...
Portsmouth	49	69	551	163	688	91
Radford	5	12	110	41	126	19
Richmond	241	678	1,718	940	2,798	541
Roanoke	123	339	1,029	379	1,169	239
Salem	15	73	213	52	220	50
South Boston	18	27	147	33	132	28
Staunton	24	35	221	85	255	52
Suffolk	44	64	251	89	274	69
Virginia Beach	185	376	1,974	771	2,437	633
Waynesboro	19	25	143	38	168	37
Williamsburg	30	28	257	81	339	92
Winchester	54	96	384	139	436	83
Unclassified ¹	6	15	10	13	8	17
MSAs						
Bristol (Va. portion)	67	134	548	135	482	103
Charlottesville	85	156	843	309	1,048	274
Danville	69	147	644	174	654	132
Lynchburg	118	204	896	277	1,056	223
Norfolk	884	1,520	7,212	2,685	8,601	1,931
Northern Virginia	977	1,514	6,907	3,140	12,663	2,363
Richmond	624	1,607	4,744	1,956	6,553	1,496
Roanoke	198	535	1,659	552	1,881	421
Planning Districts						
LENOWISCO	157	105	531	96	484	111
Cumberland Plateau	199	168	642	124	618	202
Mount Rogers	123	216	1,048	236	934	271
New River Valley	95	97	748	207	807	180
Fifth	226	559	1,832	591	2,049	453
Central Shenandoah	188	283	1,376	367	1,539	372
Lord Fairfax	152	212	1,017	281	1,113	304
Northern Virginia	952	1,489	6,776	3,103	12,503	2,308
Rappahannock-Rapidan	96	114	529	157	657	231
Thomas Jefferson	114	177	970	340	1,177	327

CONTINUED ➡

TABLE 13.26B
Establishments by Industry for Virginia's
Counties and Cities: 1986, *CONTINUED*

	Industry Division					
	Transportation & other Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Nonclassifiable
Central Virginia	159	260	1,117	340	1,343	318
West Piedmont	177	257	1,287	368	1,254	312
Southside	87	99	494	102	424	123
Piedmont	67	95	464	87	392	162
Richmond Regional	560	1,503	4,065	1,778	5,794	1,319
RADCO	110	128	740	217	830	260
Northern Neck	47	92	295	78	313	104
Middle Peninsula	60	82	367	103	440	134
Crater	92	154	877	218	906	222
Southeastern Virginia	713	1,244	5,196	1,966	6,204	1,398
Peninsula	200	322	2,149	753	2,478	551
Accomack-Norhampton	50	83	302	60	257	82

SOURCE: U.S. Department of Commerce, Bureau of the Census. *County Business Patterns 1986 Virginia*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: ¹Unclassified industries are included in the state total, but not the totals for metropolitan statistical areas (MSAs) or planning districts.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 13.27
Federal Contract Awards to Small and Minority-Owned Business
for the U.S., Virginia, and Surrounding States: 1986 and 1987

	Total Contracts Awarded		Small Business Share		Minority- Owned Share	
	1987	1986	1987	1986	1987	1986
United States	\$170,024	\$173,328	\$26,081	\$28,668	\$4,609	\$4,055
Virginia	9,397	6,790	2,259	2,096	548	448
Delaware	223	237	43	35	2	3
District of Columbia	2,420	2,341	749	617	313	256
Florida	6,963	7,074	1,262	1,198	117	96
Georgia	3,825	4,054	483	619	29	74
Kentucky	929	2,628	410	1,480	154	37
Maryland	6,794	6,323	1,253	1,146	387	324
North Carolina	1,586	1,433	566	490	40	38
South Carolina	1,839	1,730	363	348	48	54
Tennessee	3,609	2,608	917	429	36	37
West Virginia	267	278	105	130	14	14

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In millions of dollars. Represents contract awards of \$10,000 or more. Minus sign indicated decrease.



Section 14: Manufacturing

This section presents data on the manufacturing sector as a whole, as well as selected statistics for major industry groups within this sector. For manufacturing as a whole, the tables cover employment and earnings, operating ratios and value added, and shipments, capital expenditures, and inventories. Data on major industry groups include number of employees and payroll, average weekly earnings and hours, and employment related to manufactured exports. This section also gives data on labor unions. Additional information on manufacturing employment is included in Section 13.

Statistics on manufacturing come primarily from the Bureau of the Census. As part of its five-year economic censuses, the Bureau conducts a Census of Manufactures, which consists of two series. The Subject Series includes volumes on topics such as *Fuels and Electric Energy Consumed* and *Concentration Ratios in Manufacturing*, with data presented by industry group and state. The Geographic Area Series devotes one volume to each state, with data for Standard Metropolitan Statistical Areas, counties, and other localities having 450 or more persons employed in manufacturing. In addition to the data presented here, the 1982 Census of Manufactures (the latest with data for Virginia) gives information on the size distribution of establishments by county and statistics by industry group for selected counties and independent cities.

The Census Bureau also publishes an *Annual Survey of Manufactures*, which provides more recent data than the Census in many of the same categories. Unlike the five-year Census, however, the *Survey* does not contain data for areas smaller than states.

The Virginia Employment Commission provides data on manufacturing employment in several of its publications, including *Employment, Hours, and Earnings* (monthly) and *Trends in Employment, Hours, and Earnings* (annual). Both of these reports give totals by industry group for the entire state and for Metropolitan Statistical Areas.

National and state data on unions are available in the *Union Sourcebook*, published by Industrial Relations Data Information Services. This volume offers a statistical overview of organized labor in the United States, including membership and finances. The Virginia Chamber of Commerce keeps track of unions in the Commonwealth in its *Union Directory of Virginia*, published annually.

CONCEPTS

MANUFACTURING

The *Standard Industrial Classification Manual*, which is the basis for the Census categories used here, defines manufacturing as the mechanical or chemical trans-

formation of inorganic or organic substances into new products. The assembly of component parts of products is also considered to be manufacturing if the resulting product is not a structure or fixed improvement. Some service activities (e.g., enamelling or engraving) are included in manufacturing when they are performed primarily for the trade, but are not included when they are performed primarily to the order of the household customer.

Within the major division "Manufacturing," the *Standard Industrial Classification Manual* identifies 20 major groups, according to product (see Table 13.20 for a complete listing of two-digit SIC codes).

COST OF MATERIALS

Cost of materials refers to direct charges actually paid or payable for items used in production, including freight charges and other direct charges incurred in acquiring these materials. It includes the cost of materials and fuels consumed, whether purchased by the establishment from other companies, transferred to it from other establishments of the same company, or withdrawn from inventory during the year.

NEW CAPITAL EXPENDITURES

New capital expenditures include payments for additions and major alterations to manufacturing establishments (both those in operation and those under construction), and for machinery and equipment used for replacement and additions to plant capacity (if this machinery was the type for which depreciation accounts were ordinarily maintained).

PRODUCTION WORKERS

The category of production workers includes workers (up through the level of line supervisor) engaged in fabricating, processing, assembling, inspecting, receiving, storing, packing, shipping (but not delivering), maintenance, repair, janitorial and guard services, record-keeping, and other services closely associated with these production operations.

VALUE ADDED

The value added by manufacture is determined by subtracting the cost of materials, supplies, containers, fuel, purchased electricity, and contract work from the value of shipments (products manufactured plus receipts for services rendered). This figure is adjusted by adding the value added by merchandising operations plus the net change in finished goods and work-in-process between the beginning- and end-of-year inventories.

VALUE OF SHIPMENTS

Value of shipments covers the received or receivable net selling values, at the plant gate (exclusive of freight and taxes), of all products shipped, both primary and secondary, as well as miscellaneous receipts. It includes all items made by the



establishment from materials owned by it, whether sold, transferred to other plants of the same company, or shipped on consignment.

Figure 14.1
Value Added Per Employee: 1986

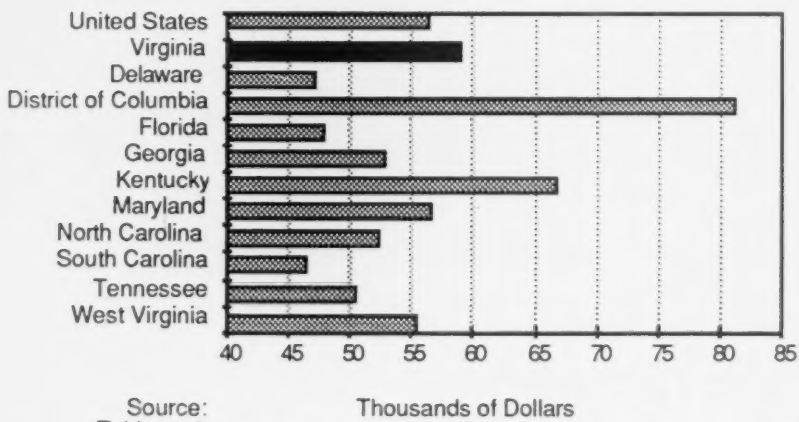
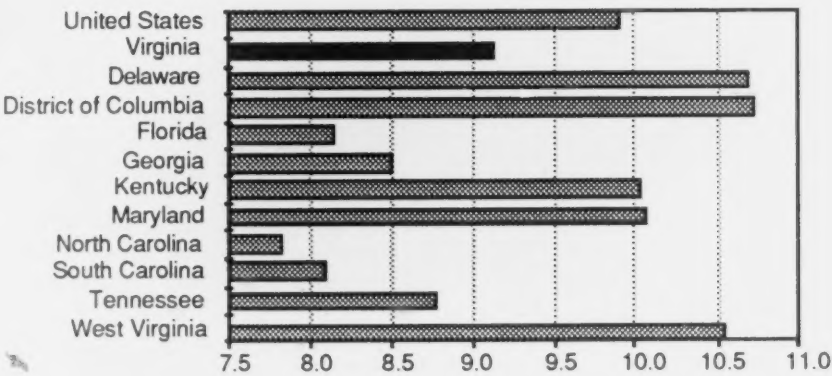
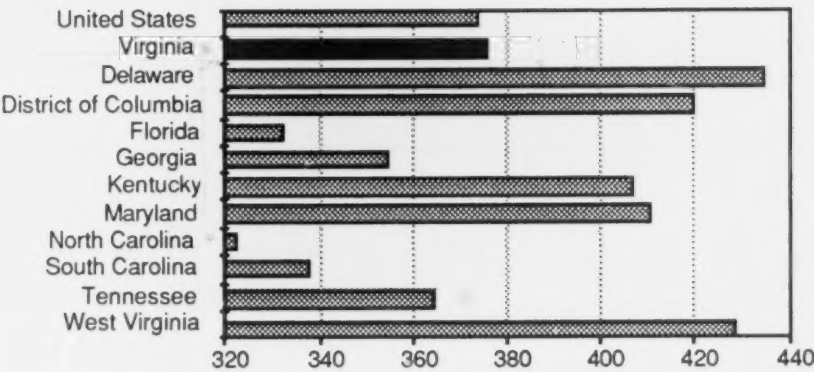


Figure 14.2
Average Hourly Earnings Per Manufacturing
Production Worker: 1987



Source: Table 14.10
Dollars

Figure 14.3
Average Weekly Earnings for Manufacturing
Production Workers: 1987



Source: Table 14.11
Dollars



TABLE 14.1
Manufactures Summary Statistics for the U.S.,
Virginia, and Surrounding States: 1986

	All Employees		Production Workers		
	Number	Payroll	Number	Hours	Wages
United States	18,371.3	\$450,806.3	11,766.6	23,178.2	\$236,599.1
Virginia	406.6	8,670.1	298.0	580.5	5,345.8
Delaware	63.8	2,024.6	30.4	61.6	702.0
District of Columbia	16.0	488.8	5.5	10.0	129.9
Florida	479.7	10,080.4	295.8	579.4	4,777.4
Georgia	543.2	10,940.5	385.4	772.8	6,523.2
Kentucky	238.0	5,423.5	171.3	331.5	3,399.2
Maryland	217.5	5,654.7	133.3	258.9	2,875.9
North Carolina	803.1	14,979.0	595.8	1,175.5	9,167.5
South Carolina	352.5	6,774.7	268.4	537.5	4,346.1
Tennessee	466.6	9,274.5	341.3	671.4	5,839.2
West Virginia	86.3	2,081.1	61.3	116.6	1,294.1

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1986 Annual Survey of Manufactures. *Geographic Area Statistics*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Number" in thousands.
 "Payroll" and "Wages" in millions of dollars.
 "Hours" in millions.

TABLE 14.2
Manufactures Summary Statistics for the U.S., Virginia,
and Surrounding States: 1982 and 1986

	1986				1982			
	All Employees, Number	All Employees, Payroll	Value Added by Manufacture	Value of shipments	Total Establishments	All Employees, Number	All Employees, Payroll	Value Added by Manufacture
United States	18,371	450,806	\$1,035,821	\$2,260,315	358,061	19,094	\$379,627	\$824,118
Virginia	407	8,670	24,010	47,346	5,568	391	6,649	17,256
Delaware	64	2,025	3,020	8,664	632	68	1,743	2,467
District of Columbia	16	489	1,302	1,854	514	17	394	929
Florida	480	10,080	23,081	50,322	13,723	454	7,773	18,112
Georgia	543	10,941	28,764	67,848	8,534	503	7,906	19,192
Kentucky	238	5,433	15,909	37,349	3,502	247	4,639	11,820

CONTINUED →

TABLE 14.2**Manufactures Summary Statistics for the U.S., Virginia, and Surrounding States: 1982 and 1986, CONTINUED**

	1986				1982			
	All Employees, Number	All Employees, Payroll	Value Added by Manufacture	Value of Shipments	Total Establishments	All Employees, Number	All Employees, Payroll	Value Added by Manufacture
Maryland	218	5,655	12,371	26,068	3,883	234	4,859	10,134
North Carolina	803	14,979	42,162	84,935	10,133	799	11,717	28,492
South Carolina	353	6,775	16,472	36,119	4,206	368	5,540	12,219
Tennessee	467	9,275	23,625	52,717	6,417	462	7,378	17,823
West Virginia	86	2,081	4,775	10,736	1,662	96	2,007	4,049

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States*, 1989. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Total Establishments" includes central administrative offices and auxiliary units.
 "All Employees, Number" in thousands. Includes employment at administrative offices and auxiliary units.
 "All Employees, Number" represents the average of production workers plus all other employees for the payroll period ended nearest the 12th of March.
 "All Employees, Payroll" in millions of dollars. Includes payroll at administration offices and auxiliary units.
 "Value Added by Manufacture" and "Value of Shipments" in millions of dollars. Adjusted value added; takes into account (a) value added by merchandising operations (that is, difference between the sales value and cost of merchandise sold without further manufacture, processing or assembly), plus (b) net change in finished goods and work-in-progress inventories between beginning and end of year.

TABLE 14.3**Value Added by Manufacture for the U.S., Virginia, and Surrounding States: 1982**

	Total	Average Per Establishment	Average Per Employee	Leading Major Industry Groups
United States	\$824,118	\$2,301.6	\$43,161	Machinery, except electric; food; transportation equipment
Virginia	17,256	3,099.1	44,121	Tobacco; chemicals; food
Delaware	2,467	3,903.0	36,328	Chemicals; food; instruments
District of Columbia	929	1,806.6	55,605	Printing and publishing; food; machinery, except electric
Florida	18,112	1,319.8	39,859	Food; electrical equipment; transportation equipment
Georgia	19,212	2,251.0	38,180	Textiles; food; chemicals
Kentucky	11,820	3,375.1	47,931	Food; machinery, except electric; chemicals
Maryland	10,134	2,609.8	43,214	Electronic equipment; food; chemicals
North Carolina	28,510	2,813.3	35,678	Textiles; tobacco; electrical equipment
South Carolina	12,217	2,905.3	33,252	Textiles; chemicals; machinery, except electric
Tennessee	17,842	2,780.4	38,652	Chemicals; food; machinery, except electric
West Virginia	4,049	2,436.3	42,267	Chemicals; primary metal; stone, clay, glass

SOURCES: U.S. Department of Commerce, Bureau of the Census. *State and Metropolitan Area Data Book 1986*. U.S. Government Printing Office, Washington, D.C., 1986; U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States*, 1987. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Total" in millions of dollars.
 "Average Per Establishment" in thousands of dollars.
 "Average Per Employee" in dollars.
 "Leading Major Industry Groups" ranked by value added.



TABLE 14.4
Manufacturing Shipments, Capital Expenditures, and Inventories
for the U.S., Virginia, and Surrounding States: 1977 and 1982

	1982				1977		
	Value of Shipments	New Capital Expenditures		Inventory	Value of Shipments	New Capital Expenditures	Inventory
		Total	Average Per Production Worker				
United States	\$1,960,206	\$74,562	\$6,013	\$306,137	\$1,358,526	\$47,459	\$188,436
Virginia	36,803	1,523	5,299	7,309	23,989	953	4,484
Delaware	8,383	322	10,161	999	5,209	148	563
District of Columbia	1,537	55	8,609	110	984	18	79
Florida	38,683	1,961	6,710	5,682	20,981	737	2,958
Georgia	48,076	1,922	5,202	7,066	32,856	1,143	3,903
Kentucky	29,639	997	5,735	4,463	22,875	716	3,273
Maryland	21,282	1,523	5,299	7,309	15,930	953	4,484
North Carolina	64,251	2,589	4,277	10,442	40,912	1,345	6,089
South Carolina	27,831	1,503	5,380	4,350	18,882	789	2,614
Tennessee	40,795	2,062	6,108	6,299	28,752	961	4,198
West Virginia	9,869	394	6,038	1,916	8,706	402	1,389

SOURCE: U.S. Department of Commerce, Bureau of the Census. *State and Metropolitan Area Data Book 1986*. U.S. Government Printing Office, Washington, D.C., 1986.

NOTE: In millions of dollars, except new capital expenditures per production worker, in dollars.

TABLE 14.5
Historical Manufacturing Statistics, Virginia: 1967-1986

Year	Value Added by Manufacturer	Cost of Materials	Value of Shipments	New Capital Expenditures
1986	\$24,010.4	\$23,459.0	\$47,346.1	\$1,772.8
1985	22,075.2	23,399.8	45,553.5	1,817.2
1984	21,048.4	23,211.9	43,908.2	1,515.4
1983	18,689.3	21,137.9	39,686.4	1,072.0
1982	17,255.6	19,662.3	36,802.7	1,522.9
1977	10,882.0	13,233.5	23,988.6	953.0
1972	6,177.5	6,716.7	12,823.5	585.8
1967	4,067.7	4,543.0	8,605.8	347.0

SOURCE: U.S. Department of Commerce, Bureau of the Census. 1986 Annual Survey of Manufactures. *Geographic Area Statistics*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In millions of dollars.

"Value Added by Manufacturer" data for 1982-86 not comparable to prior years due to changes in reporting requirements.

"Cost of Materials" and "Value of Shipments" includes extensive duplication, since products of some industries are used as materials by others.

TABLE 14.6
Historical Manufacturing Statistics, Virginia: 1967-1982

	1982	1977	1972	1967
All establishments ¹ :				
Total number	5,568	5,519	4,837	4,938
With 20 or more employees	2,036	1,879	1,768	1,620
All employees:				
Number ²	391.1	395.2	375.4	339.8
Payroll ³	\$6,649.0	\$4,442.4	\$2,826.0	\$1,905.1
Production workers:				
Number ²	287.4	302.0	293.2	268.2
Hours ⁴	541.1	581.8	582.9	535.0
Wages ³	\$4,191.7	\$2,916.8	\$1,902.1	\$1,296.1
Value added by manufacture ⁵	\$17,255.6	\$10,882.0	\$6,177.5	\$4,067.7
Cost of materials ⁶	\$19,662.3	\$13,233.5	\$6,716.7	\$4,543.0
Value of shipments ⁶	\$36,802.7	\$23,988.6	\$12,823.5	\$8,605.8
New capital expenditures ³	\$1,522.9	\$953.0	\$585.8	\$347.0
Percent of U.S. manufacturing employment	2.04	2.02	1.97	1.76

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Manufactures. *Geographic Area Series Virginia*. U.S. Government Printing Office, Washington, D.C., 1985.

NOTES: ¹Includes establishments with payroll at any time during year.

²In thousands.

³In millions of dollars.

⁴In millions of hours.

⁵In millions of dollars. 1982 data are not comparable to data for earlier years.

⁶In millions of dollars. Data includes extensive duplication since products of some industries are used as materials by others.

TABLE 14.7
Manufacturing Summary Statistics by Major Industry Group, Virginia: 1986

SIC Code	Group	All Employees		Production Workers		
		Number	Payroll	Number	Hours	Wages
...	All	406.6	\$8,670.1	298.0	580.5	\$5,345.8
20	Food and kindred products	35.7	593.2	26.5	51.1	389.2
21	Tobacco products	13.2	436.9	8.3	14.1	243.8
22	Textile mill products	35.1	554.1	30.3	58.8	439.0
23	Apparel and other textile products	34.2	353.3	30.8	55.6	291.0
24	Lumber and wood products	21.9	319.1	18.4	36.7	233.1
25	Furniture and fixtures	22.6	329.2	19.9	39.2	253.6
26	Paper and allied products	14.1	383.4	10.6	22.6	268.9
27	Printing and publishing *	29.5	610.7	18.4	32.7	333.0

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TABLE 14.7
Manufacturing Summary Statistics by Major
Industry Group, Virginia: 1986, *CONTINUED*

SIC Code	Group	All Employees		Production Workers		
		Number	Payroll	Number	Hours	Wages
28	Chemicals and allied products	30.2	877.6	19.8	38.8	503.6
29	Petroleum and coal products	(C)	(C)	(C)	(C)	(C)
30	Rubber and miscellaneous plastics products	14.8	319.5	11.7	22.7	230.6
31	Leather and leather products	(C)	(C)	(C)	(C)	(C)
32	Stone, clay, and glass products	11.6	226.8	9.1	19.6	158.1
33	Primary metal industries	7.6	184.9	6.2	12.5	140.8
34	Fabricated metal products	15.7	330.5	11.8	24.4	234.5
35	Machinery, except electrical	19.9	476.7	13.8	28.9	285.3
36	Electric and electronic equipment	35.3	934.4	19.5	37.8	388.8
37	Transportation equipment	42.8	1,115.8	35.8	71.6	844.2
38	Instruments and related products	6.1	130.6	3.9	7.5	65.2
39	Miscellaneous manufacturing industries	1.7	44.0	0.7	1.6	17.5
...	Auxiliaries ¹	11.8	414.4	NA	NA	NA

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1986 Annual Survey of Manufactures. *Geographic Area Statistics*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Number" in thousands.
 "Payroll" and "Wages" in millions of dollars.
 "Hours" in millions.

¹Auxiliaries are units which serve manufacturing establishments, such as storage warehouses, power plants, research laboratories, etc., rather than the general public.

NA—Not applicable.

C—Withheld to avoid disclosing data for individual companies; data are included in total.

TABLE 14.8
Manufacturing Operating Ratios, Virginia: 1967-1982

	1982	1977	1972	1967
Payroll per employee ¹	\$17,701	\$11,241	\$7,528	\$5,607
Production workers as a percent of total employment	73%	76%	78%	79%
Annual hours of production workers	1,883	1,926	1,988	1,995
Average hourly earnings of production workers ¹	\$7.75	\$5.01	\$3.26	\$2.42
Cost of materials as a percent of the value of shipments	53%	55%	52%	53%
Cost of materials and payroll as a percent of the value of shipments	71%	74%	74%	75%
Value added per employee ¹	\$44,121	\$27,535	\$16,456	\$11,971
Payroll as a percent of value added	39%	41%	46%	47%
Value added per production-worker hour ¹	\$31.89	\$18.70	\$10.60	\$7.60

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Manufactures. *Geographic Area Series*.
 Virginia: U.S. Government Printing Office, Washington, D.C., 1985.

NOTE: ¹In dollars.

TABLE 14.9A
Manufacturing Statistics for Virginia's Counties and Cities: 1982

	All Establishments		All Employees		Production Workers		
	Number	Number with 20 Employees or more	Number	Payroll	Number	Hours	Wages
Virginia	5,568	2,036	391.1	\$6,649.0	287.4	541.1	\$4,191.7
Counties							
Accomack	35	18	3.3	34.2	2.9	6.1	28.0
Albemarle	42	10	2.8	42.7	2.0	3.6	26.0
Alleghany	2	1	(C)	(C)	(C)	(C)	(C)
Amelia	16	5	0.4	3.5	0.3	0.5	2.5
Amherst	30	8	0.7	11.1	0.5	0.8	5.2
Appomattox	21	5	1.3	12.5	1.1	1.8	9.1
Arlington	104	28	2.7	57.9	1.0	1.9	16.1
Augusta	64	27	5.9	131.5	4.3	8.8	79.6
Bath	4	2	0.1	0.6	0.1	0.1	0.5
Bedford	29	8	0.9	15.7	0.7	1.4	11.2
Bland	10	5	(C)	(C)	(C)	(C)	(C)
Botetourt	12	5	(C)	(C)	(C)	(C)	(C)
Brunswick	54	15	1.5	14.2	1.3	2.3	11.4
Buchanan	21	2	0.3	5.4	0.2	0.3	3.1
Buckingham	36	5	0.6	5.0	0.6	1.1	4.6
Campbell	52	17	5.6	66.6	4.4	7.3	43.4
Caroline	30	11	0.7	7.8	0.6	1.0	5.0
Carroll	43	11	1.6	16.6	1.5	2.6	14.1
Charles City	4	...	(Z)	0.1	(Z)	(Z)	0.1
Charlotte	38	6	0.9	7.9	0.7	1.2	6.0

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TABLE 14.9A
Manufacturing Statistics for Virginia's Counties and Cities: 1982, *CONTINUED*

	All Establishments		All Employees		Production Workers		
	Number	Number with 20 Employees or more	Number	Payroll	Number	Hours	Wages
Chesterfield	90	31	5.5	123.6	3.9	7.5	79.1
Clarke	27	9	1.0	13.6	0.7	1.3	8.3
Craig	5	1	(C)	(C)	(C)	(C)	(C)
Culpeper	34	13	1.6	23.8	1.1	1.9	12.5
Cumberland	10	3	0.1	0.8	(Z)	0.1	0.4
Dickenson	6	1	0.2	1.6	0.2	0.3	1.3
Dinwiddie	16	6	(C)	(C)	(C)	(C)	(C)
Essex	29	9	0.8	9.3	0.7	1.3	7.6
Fairfax	369	95	11.3	235.4	6.3	12.2	102.7
Fauquier	25	6	0.7	10.4	0.5	1.0	6.7
Floyd	31	7	0.8	8.7	0.7	1.3	6.9
Fluvanna	14	2	(C)	(C)	(C)	(C)	(C)
Franklin	56	20	3.5	41.3	2.9	4.9	27.4
Frederick	22	6	1.4	26.6	1.1	2.4	21.2
Giles	19	11	2.8	47.9	2.2	4.1	33.7
Gloucester	27	7	0.4	3.4	0.3	0.5	2.7
Goochland	13	2	0.2	1.3	0.1	0.1	0.9
Grayson	12	8	1.8	20.6	1.6	2.9	16.1
Greene	6		(C)	(C)	(C)	(C)	(C)
Greensville	1		(C)	(C)	(C)	(C)	(C)
Halifax	11	3	(C)	(C)	(C)	(C)	(C)
Hanover	96	26	1.7	29.8	1.2	2.3	18.8
Henrico	145	47	7.5	139.0	5.6	10.6	94.0
Henry	74	28	12.4	184.3	10.3	19.0	132.2
Highland	8	2	0.2	1.5	0.1	0.3	1.4
Isle of Wight	18	9	(C)	(C)	(C)	(C)	(C)
James City	12	7	0.5	8.6	0.4	0.8	6.3
King and Queen	22	0	0.1	1.3	0.1	0.2	1.1
King George	10	3	(C)	(C)	(C)	(C)	(C)
King William	22	3	(C)	(C)	(C)	(C)	(C)
Lancaster	33	14	0.6	5.3	0.5	0.8	3.5
Lee	18	10	0.9	6.3	0.8	1.3	5.1
Loudoun	52	18	1.2	22.0	0.7	1.3	9.6
Louisa	33	8	1.1	10.0	0.9	1.6	8.1
Lunenburg	29	17	2.2	21.4	2.0	3.4	17.8
Madison	17	3	0.4	3.3	0.3	0.6	3.0
Mathews	9	2	0.2	1.3	0.2	0.3	1.2
Mecklenburg	48	24	4.8	54.1	3.9	7.2	38.2
Middlesex	25	10	0.4	3.6	0.4	0.6	2.8
Montgomery	41	17	3.5	48.7	2.6	5.2	31.1
Nelson	33	7	0.6	12.3	0.5	0.9	8.1
New Kent	16	4	0.2	1.9	0.2	0.3	1.4
Northampton	16	7	1.5	11.6	1.4	2.5	10.0
Northumberland	33	14	1.0	12.2	0.9	1.3	11.1
Nottoway	22	8	1.1	9.7	1.0	1.8	8.2
Orange	27	14	2.2	27.8	1.7	3.0	18.0
Page	22	12	2.0	21.5	1.6	3.2	16.1
Patrick	35	12	2.5	26.6	2.2	3.7	21.6
Pittsylvania	57	22	5.4	77.7	4.1	7.6	52.0
Powhatan	15	4	0.1	1.8	0.1	0.2	1.2
Prince Edward	24	6	1.1	11.1	1.0	1.6	8.6
Prince George	19	6	(C)	(C)	(C)	(C)	(C)
Prince William	61	11	1.5	29.1	1.1	2.1	20.2
Pulaski	37	24	5.0	64.8	3.8	6.7	42.2
Rappahannock	7	1	(C)	(C)	(C)	(C)	(C)

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TABLE 14.9A
Manufacturing Statistics for Virginia's Counties and Cities: 1982, *CONTINUED*

	All Establishments		All Employees		Production Workers		
	Number	Number with 20 Employees or more	Number	Payroll	Number	Hours	Wages
Richmond	15	6	0.6	5.6	0.5	0.7	3.9
Roanoke	44	15	2.2	35.0	1.6	3.3	22.8
Rockbridge	27	11	2.2	29.2	1.7	3.2	20.7
Rockingham	75	22	5.2	79.5	4.3	8.6	58.5
Russell	16	7	0.8	7.4	0.8	1.5	6.7
Scott	25	9	1.3	18.5	1.1	2.1	13.6
Shenandoah	39	21	3.3	40.0	2.8	5.3	30.1
Smyth	45	23	4.6	55.7	3.7	6.8	38.1
Southampton	38	11	(C)	(C)	(C)	(C)	(C)
Spotsylvania	25	7	0.9	16.9	0.7	1.3	11.7
Stafford	31	8	0.6	7.2	0.5	0.9	5.8
Surry	7	2	0.1	1.9	0.1	0.3	1.5
Sussex	19	8	0.9	13.0	0.8	1.4	10.2
Tazewell	57	18	1.9	29.2	1.1	2.0	15.3
Warren	19	11	2.8	49.0	2.4	5.0	38.6
Washington	31	11	1.8	24.6	1.6	2.8	18.5
Westmoreland	31	13	0.8	7.4	0.7	1.3	5.3
Wise	25	5	0.4	4.2	0.3	0.5	2.2
Wythe	36	14	2.7	29.2	2.3	4.4	22.5
York	20	6	(C)	(C)	(C)	(C)	(C)
Cities							
Alexandria	123	37	2.9	57.6	1.5	3.0	22.1
Bedford	36	13	2.5	35.3	1.8	3.6	21.8
Bristol	54	30	5.7	85.4	4.1	7.5	57.5
Buena Vista	10	7	1.0	16.0	0.7	1.5	10.1
Charlottesville	58	19	4.3	81.4	2.6	5.0	35.2
Chesapeake	75	25	2.7	47.2	1.8	3.6	27.9
Clifton Forge	6	2	0.1	1.1	0.1	0.1	0.5
Colonial Heights	11	8	0.8	10.9	0.5	1.0	6.4
Covington	18	6	(C)	(C)	(C)	(C)	(C)
Danville	47	26	13.4	201.3	11.0	20.6	148.3
Emporia	25	12	1.4	19.4	1.2	2.3	13.7
Fairfax	24	5	(C)	(C)	(C)	(C)	(C)
Falls Church	21	2	0.1	1.7	0.1	0.2	1.3
Franklin	11	6	0.5	8.6	0.4	0.8	5.7
Fredericksburg	33	10	0.9	12.2	0.7	1.2	7.7
Galax	28	16	4.3	43.5	3.8	6.7	35.4
Hampton	67	32	3.0	44.2	2.1	4.2	27.3
Harrisonburg	44	23	4.2	61.5	3.3	6.5	41.2
Hopewell	21	12	4.3	112.2	2.9	5.8	71.7
Lexington	12	1	0.2	2.4	0.1	0.2	1.9
Lynchburg	128	71	16.7	317.2	11.0	20.8	179.1
Manassas	19	8	(C)	(C)	(C)	(C)	(C)
Manassas Park	NA	NA	NA	NA	NA	NA	NA
Martinsville	47	26	10.4	127.7	8.6	15.9	90.7
Newport News	92	32	28.1	492.4	23.2	44.5	441.6
Norfolk	252	92	13.6	253.9	10.1	20.6	170.3
Norton	5	3	(C)	(C)	(C)	(C)	(C)
Petersburg	53	21	4.8	95.0	3.9	8.0	73.8
Poquoson	6	1	(Z)	0.5	(Z)	(Z)	0.3
Portsmouth	65	24	(C)	(C)	(C)	(C)	(C)
Radford	16	12	5.7	100.0	4.0	7.0	58.4
Richmond	401	178	39.2	927.9	23.7	43.6	464.9
Roanoke	160	71	10.7	162.5	7.3	13.7	96.4
Salem	44	19	5.7	129.5	3.6	7.6	70.3
South Boston	26	13	2.5	36.4	1.9	3.9	26.0

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TABLE 14.9A
Manufacturing Statistics for Virginia's Counties and Cities: 1982, *CONTINUED*

	All Establishments		All Employees		Production Workers		
	Number	Number with 20 Employees or more	Number	Payroll	Number	Hours	Wages
Staunton	17	4	0.8	9.1	0.7	1.3	7.3
Suffolk	64	32	5.6	100.2	4.3	8.0	64.2
Virginia Beach	126	26	(C)	(C)	(C)	(C)	(C)
Waynesboro	32	17	4.0	67.6	2.9	5.2	40.3
Williamsburg	16	6	(C)	(C)	(C)	(C)	(C)
Winchester	44	31	6.2	100.8	4.6	3.4	62.7
MSAs							
Bristol (Va. portion)	110	50	8.8	128.5	6.8	12.4	89.6
Charlottesville	120	31	7.1	124.1	4.6	8.6	61.2
Danville	104	48	18.8	279.0	15.1	28.2	200.3
Lynchburg	210	96	23.0	394.9	15.9	28.9	227.7
Norfolk	622	290	53.9	950.4	42.2	82.2	740.6
Northern Virginia	804	212	20.3	410.9	11.2	21.6	177.8
Richmond	900	345	64.3	1,443.5	42.1	79.4	812.3
Roanoke	260	110	18.6	327.0	12.5	24.6	189.5
Planning Districts							
LENOWISCO	73	27	2.6	29.0	2.2	3.9	20.9
Cumberland Plateau	100	28	3.2	43.6	2.3	4.1	26.4
Mount Rogers	259	118	22.5	275.6	18.6	33.7	202.2
New River Valley	144	71	17.8	270.1	13.3	24.3	172.3
Fifth	291	120	18.7	328.1	12.6	24.7	190.0
Central Shenandoah	293	116	23.8	398.9	18.2	35.7	261.5
Lord Fairfax	173	90	16.7	251.5	13.2	20.6	177.0
Northern Virginia	773	204	19.7	403.7	10.7	20.7	172.0
Rappahannock-Rapidan	110	37	4.9	65.3	3.6	6.5	40.2
Thomas Jefferson	186	46	8.8	146.4	6.0	11.1	77.4
Central Virginia	296	122	27.7	458.4	19.5	35.7	269.8
West Piedmont	316	134	47.6	658.9	39.1	71.7	472.2
Southside	139	55	8.8	106.7	7.1	13.4	75.6
Piedmont	175	50	6.4	59.4	5.6	9.7	48.1
Richmond Regional	780	292	54.4	1,225.4	34.8	64.6	660.4
RADCO	129	39	3.1	44.1	2.5	4.4	30.2
Northern Neck	112	47	3.0	30.5	2.6	4.1	23.8
Middle Peninsula	134	31	1.9	18.9	1.7	2.9	15.4
Crater	172	75	12.3	252.4	9.4	18.8	177.3
Southeastern Virginia	649	225	22.4	409.9	16.6	33.0	268.1
Peninsula	213	84	31.6	545.7	25.7	49.5	475.5
Accomack-Norhampton	51	25	4.8	45.8	4.3	8.6	36.0

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Manufactures, *Geographic Area Series Virginia*. U.S. Government Printing Office, Washington, D.C., 1985.

NOTES: "All Establishments" includes establishments with payroll at any time during year.

"Number" in thousands.

"Payroll" and "Wages" in millions of dollars.

"Hours" in millions.

C—Withheld to avoid disclosing data for individual companies. Data are included in state total, but not Metropolitan Statistical Area or Planning District totals.

Z—Less than 100.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 14.9B

Manufacturing Statistics for Virginia's Counties and Cities: 1982, Continued

	Value Added by Manufacture	Cost of Materials	Value of Shipments	New Capital Expenditures
Virginia	\$17,255.6	\$19,662.3	\$36,802.7	\$1,522.9
Countries				
Accomack	58.1	211.6	269.9	5.4
Albemarle	111.4	110.1	224.6	3.6
Alleghany	(C)	(C)	(C)	(C)
Amelia	6.6	6.0	12.7	0.3
Amherst	11.8	13.4	25.2	0.5
Appomattox	26.3	22.8	48.1	(C)
Arlington	65.6	50.1	115.6	2.1
Augusta	361.8	316.0	673.4	71.5
Bath	1.4	0.6	2.0	0.1
Bedford	40.8	50.8	91.1	7.6
Bland	(C)	(C)	(C)	(C)
Botetourt	(C)	(C)	(C)	(C)
Brunswick	24.9	22.2	47.2	1.7
Buchanan	12.6	33.7	40.3	(C)
Buckingham	7.7	6.4	14.3	0.2
Campbell	257.8	184.9	443.1	12.0
Caroline	19.1	34.7	52.9	2.1
Carroll	31.1	51.5	83.2	2.1
Charles City	0.7	0.3	1.0	(C)
Charlotte	16.0	24.1	40.4	0.9
Chesterfield	312.9	391.8	725.3	15.3
Clarke	31.6	31.2	62.5	1.6
Craig	(C)	(C)	(C)	(C)
Culpeper	66.9	94.5	163.2	6.3
Cumberland	1.9	2.7	4.7	0.1
Dickenson	2.4	0.7	3.1	(C)
Dinwiddie	(C)	(C)	(C)	(C)
Essex	20.0	33.8	54.2	1.5
Fairfax	417.9	349.7	760.7	36.6
Fauquier	18.8	26.9	44.9	6.5
Floyd	11.2	7.6	18.7	0.4
Fluvanna	(C)	(C)	(C)	(C)
Franklin	73.5	113.9	191.9	3.5
Frederick	46.1	159.8	205.9	(C)
Giles	147.1	148.0	297.7	7.8
Gloucester	3.4	11.5	14.8	0.3
Goochland	3.8	2.9	6.9	0.1
Grayson	43.6	44.8	88.8	3.2
Greene	(C)	(C)	(C)	(C)
Greensville	(C)	(C)	(C)	(C)
Halifax	(C)	(C)	(C)	(C)
Hanover	68.2	96.4	162.6	6.0
Henrico	493.6	418.6	919.8	35.3
Henry	326.0	323.8	652.3	18.0
Highland	3.7	3.5	7.2	0.1
Isle of Wight	(C)	(C)	(C)	(C)
James City	33.3	26.8	60.1	1.1
King and Queen	2.9	5.4	8.4	0.2
King George	(C)	(C)	(C)	(C)
King William	(C)	(C)	(C)	(C)
Lancaster	9.3	22.1	31.4	0.3
Lee	15.7	11.7	27.8	1.1
Loudoun	53.4	42.6	95.9	2.2
Louisa	20.0	10.3	29.6	0.4
Lunenburg	43.4	68.5	113.3	1.6

CONTINUED ➡



TABLE 14.9B
Manufacturing Statistics for Virginia's Counties and Cities: 1982, *CONTINUED*

	Value Added by Manufacture	Cost of Materials	Value of Shipments	New Capital Expenditures
Madison	7.1	6.6	12.8	0.4
Mathews	2.2	1.2	3.4	0.1
Mecklenburg	155.9	370.6	521.3	5.1
Middlesex	6.4	13.4	19.9	0.4
Montgomery	96.4	82.7	183.6	7.4
Nelson	27.7	40.9	68.6	4.4
New Kent	4.0	7.0	11.2	0.3
Northampton	23.8	46.9	69.7	1.1
Northumberland	25.5	23.5	48.3	3.1
Nottoway	25.2	46.6	71.9	0.3
Orange	62.3	73.7	136.1	3.6
Page	66.3	156.8	232.4	2.6
Patrick	52.2	37.2	89.1	2.5
Pittsylvania	160.7	541.8	687.8	8.4
Powhatan	3.4	5.1	8.6	0.2
Prince Edward	24.5	24.7	49.8	5.0
Prince George	(C)	(C)	(C)	(C)
Prince William	64.7	43.3	109.2	3.3
Pulaski	134.7	230.4	366.0	6.9
Rappahannock	(C)	(C)	(C)	(C)
Richmond	21.3	13.5	34.8	0.8
Roanoke	86.7	82.8	175.3	20.8
Rockbridge	72.8	120.5	203.8	3.6
Rockingham	423.5	434.6	853.9	57.6
Russell	11.1	6.1	17.1	0.3
Scott	69.4	93.7	162.6	1.9
Shenandoah	75.8	205.4	277.7	11.4
Smyth	105.8	97.8	207.7	3.0
Southampton	(C)	(C)	(C)	(C)
Spotsylvania	62.4	45.4	107.0	5.1
Stafford	20.9	36.4	56.9	1.6
Surry	2.9	11.5	14.5	0.1
Sussex	26.4	71.9	97.3	1.0
Tazewell	64.3	92.0	151.9	3.6
Warren	116.1	172.7	283.4	13.3
Washington	62.5	80.0	143.1	2.7
Westmoreland	18.2	29.8	47.1	0.6
Wise	7.5	6.3	13.9	0.2
Wythe	57.9	51.8	112.8	4.1
York	(C)	(C)	(C)	(C)
Cities				
Alexandria	234.7	160.5	408.0	(C)
Bedford	77.2	87.8	165.7	2.9
Bristol	220.1	405.1	622.3	9.4
Buena Vista	51.1	64.2	115.5	1.0
Charlottesville	164.1	135.4	299.8	35.5
Chesapeake	90.4	257.2	354.2	(C)
Clifton Forge	2.0	1.3	3.4	0.1
Colonial Heights	27.2	33.6	59.5	1.4
Covington	(C)	(C)	(C)	(C)
Danville	454.1	499.3	953.7	50.2
Emporia	46.0	67.9	114.1	2.2
Fairfax	(C)	(C)	(C)	(C)
Falls Church	4.4	1.8	6.1	(C)
Franklin	15.7	53.4	69.4	1.2
Fredericksburg	38.6	52.9	91.7	4.5
Galax	104.3	78.2	183.6	2.2
Hampton	106.6	114.4	223.1	8.1
Harrisonburg	178.6	280.2	459.9	4.9

CONTINUED ➡

TABLE 14.9B

Manufacturing Statistics for Virginia's Counties and Cities: 1982, *CONTINUED*

	Value Added by Manufacture	Cost of Materials	Value of Shipments	New Capital Expenditures
Hopewell	257.2	508.0	767.8	123.2
Lexington	5.7	1.6	5.8	1.2
Lynchburg	748.1	599.5	1,250.2	29.4
Manassas	(C)	(C)	(C)	(C)
Manassas Park	(C)	(C)	(C)	(C)
Martinsville	263.5	241.1	503.0	12.2
Newport News	899.1	676.0	1,579.2	(C)
Norfolk	609.6	880.8	1,498.1	36.4
Norton	(C)	(C)	(C)	(C)
Petersburg	499.6	295.1	793.8	12.7
Poquoson	0.8	0.9	1.7	(C)
Portsmouth	(C)	(C)	(C)	(C)
Radford	228.0	69.8	296.7	7.8
Richmond	3,088.9	2,570.0	5,573.2	343.6
Roanoke	374.5	329.5	709.2	25.2
Salem	232.2	206.5	448.0	14.1
South Boston	90.1	83.4	173.5	4.7
Staunton	17.9	14.0	31.9	1.0
Suffolk	454.1	849.9	1,323.1	18.8
Virginia Beach	(C)	(C)	(C)	(C)
Waynesboro	148.4	114.9	261.5	5.3
Williamsburg	(C)	(C)	(C)	(C)
Winchester	215.9	243.6	457.5	23.1
MSAs				
Bristol (Va. portion)	352.0	578.8	928.0	14.0
Charlottesville	275.5	245.5	524.4	39.1
Danville	614.8	1,041.1	1,641.5	58.6
Lynchburg	1,017.7	797.8	1,718.5	41.9
Norfolk	2,197.3	2,817.5	5,054.3	64.7
Northern Virginia	861.6	684.4	1,552.4	45.8
Richmond	4,759.5	4,328.8	9,029.7	538.1
Roanoke	693.4	618.6	1,332.5	60.1
Planning Districts				
LENOWISCO	92.6	111.7	204.3	3.2
Cumberland Plateau	90.4	132.5	212.4	3.9
Mount Rogers	625.3	809.2	1,441.7	26.7
New River Valley	619.4	538.5	1,162.7	30.3
Fifth	695.4	619.9	1,335.9	60.2
Central Shenandoah	1,264.9	1,350.1	2,614.9	146.3
Lord Fairfax	551.8	969.5	1,519.4	52.0
Northern Virginia	840.7	648.0	1,495.5	44.2
Rappahannock-Rapidan	155.1	201.7	357.0	16.8
Thomas Jefferson	323.2	296.7	622.6	43.9
Central Virginia	1,162.0	959.2	2,023.4	52.4
West Piedmont	1,330.0	1,757.1	3,077.8	94.8
Southside	270.9	476.2	742.0	11.5
Piedmont	125.3	179.0	307.1	8.4
Richmond Regional	3,975.5	3,492.1	7,408.6	400.8
RADCO	141.0	169.4	308.5	13.3
Northern Neck	74.3	88.9	161.6	4.8

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**TABLE 14.9B****Manufacturing Statistics for Virginia's Counties and Cities: 1982, *CONTINUED***

	Value Added by Manufacture	Cost of Materials	Value of Shipments	New Capital Expenditures
Middle Peninsula	34.9	65.3	100.7	2.5
Crater	859.3	988.0	1,847.0	140.6
Southeastern Virginia	1,169.8	2,041.3	3,244.8	56.4
Peninsula	1,039.8	818.1	1,864.1	9.2
Accomack-Norhampton	81.9	258.5	339.6	6.5

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Manufactures. *Geographic Area Series Virginia*. U.S. Government Printing Office, Washington, D.C., 1985.

NOTES: "Value Added by Manufacture" in millions of dollars. Uses inventory data reported at cost or market prior to any adjustment to LIFO cost.
 "Cost of Materials" in millions of dollars. Aggregate cost of materials and value of shipments includes extensive duplication, since products of some industries are used as materials by others.
 C—Withheld to avoid disclosing data for individual companies. Data are included in state total, but not Metropolitan Statistical Area or Planning District totals.
 A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
 A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 14.10**Average Hourly Earnings for Manufacturing Industries Production Workers for the U.S., Virginia, and Surrounding States: 1975–1987**

	Hourly Earnings						
	1987	1986	1985	1984	1983	1982	1980
United States	\$9.91	\$9.73	\$9.54	\$9.19	\$8.83	\$8.49	\$7.27
Virginia	9.15	8.83	8.51	8.10	7.79	7.37	6.22
Delaware	10.69	10.05	9.86	9.28	9.19	8.64	7.58
District of Columbia ¹	10.74	10.40	10.48	10.10	9.75	9.37	8.46
Florida	8.16	8.02	7.86	7.62	7.33	7.02	5.98
Georgia	8.51	8.35	8.10	7.58	7.13	6.75	5.77
Kentucky	10.04	9.86	9.53	9.28	8.79	8.38	7.34
Maryland	10.08	9.91	9.73	9.45	9.02	8.78	7.61
North Carolina	7.83	7.54	7.29	7.01	6.68	6.35	5.37
South Carolina	9.10	7.92	7.61	7.28	7.03	6.68	5.59
Tennessee	8.78	8.58	8.29	7.93	7.49	7.16	6.08
West Virginia	10.56	10.38	10.48	10.10	9.75	9.37	8.46

SOURCES: U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual; U.S. Department of Labor, Bureau of Labor Statistics, *Employment and Earnings, January and May 1988*. U.S. Government Printing Office, Washington, D.C., monthly.

NOTES: "Hourly Earnings" in dollars.
¹Represents Washington, D.C. metropolitan area.

TABLE 14.11
Average Weekly Hours and Earnings for Production
Workers on Manufacturing Payrolls for the U.S.,
Virginia, and Surrounding States: 1985-1987

	Average Weekly Hours			Average Weekly Earnings		
	1987	1986	1985	1987	1986	1985
United States	41.0	40.7	40.5	\$374	\$396	\$386
Virginia	41.1	40.4	40.1	376	357	341
Delaware	40.7	41.2	41.1	435	417	405
District of Columbia ¹	39.1	38.5	38.2	420	396	400
Florida	40.8	40.8	41.3	333	327	325
Georgia	41.7	40.9	40.6	355	341	329
Kentucky	40.5	39.2	38.9	407	387	371
Maryland	40.8	40.5	40.3	411	403	392
North Carolina	41.2	40.7	39.6	323	307	289
South Carolina	41.7	41.1	40.4	338	326	307
Tennessee	41.6	41.2	41.0	365	354	340
West Virginia	40.6	40.3	39.9	429	418	409

SOURCES: U.S. Department of Labor, Bureau of Labor Statistics, *Employment and Earnings, January and May 1988*. U.S. Government Printing Office, Washington, D.C., monthly.

NOTES: *Average Weekly Earnings* in dollars.
¹Represents Washington, D.C. metropolitan area.

TABLE 14.12
Average Weekly Hours of Manufacturing
Production Workers, Virginia: 1982-1987

Industry Group	1987	1986	1985	1984	1983	1982
Manufacturing	41.1	40.4	40.1	40.3	39.7	38.4
Durable goods	42.0	41.5	40.8	40.9	40.6	39.0
Lumber and wood products	40.2	39.7	39.3	39.8	39.4	38.0
Furniture and fixtures	40.4	39.6	39.1	39.5	38.0	35.1
Household and office furniture	40.4	39.4	38.9	39.4	37.9	34.8
Stone, clay and glass products	42.2	42.1	40.5	40.9	40.5	38.5
Structural clay products	NA	NA	NA	NA	41.8	40.6
Glass and glass products	NA	NA	NA	NA	40.5	38.5
Primary metal industries	45.2	45.0	41.4	41.8	42.4	37.6
Fabricated metal products	43.1	42.4	42.5	41.7	40.6	40.4
Fabricated structural metal products	42.9	43.0	43.2	42.4	41.4	41.3
Machinery, except electrical	43.2	41.2	40.5	41.6	40.3	39.0
Construction and related machinery	NA	NA	40.2	41.8	40.3	38.0
Special industry machinery, except metalworking	NA	NA	41.3	40.1	38.2	39.5
Refrigeration and service machines	NA	NA	NA	NA	42.3	41.0
Electric and electronic equipment	41.4	40.7	39.4	41.0	40.1	38.5
Communication equipment	41.6	41.3	39.8	41.3	40.3	38.6
Instruments and related products	41.7	39.4	39.0	34.5	39.2	37.6
Miscellaneous manufacturing industries	40.7	40.5	39.4	38.9	39.2	35.7
Nondurable goods	40.3	39.5	39.5	39.7	38.9	37.9
Food and kindred products	40.8	39.8	39.1	38.7	39.0	38.4
Tobacco manufactures	NA	NA	NA	NA	NA	37.3
Cigarettes	NA	NA	NA	NA	NA	37.4

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TABLE 14.12
Average Weekly Hours of Manufacturing Production
Workers, Virginia: 1982-1987, CONTINUED

Industry Group	1987	1986	1985	1984	1983	1982
Textile mill products	40.6	38.4	37.6	38.6	38.5	36.0
Weaving mills, cotton, synthetics, and wool	42.8	41.6	39.6	40.6	40.5	38.6
Knitting mills	39.1	35.0	34.0	35.5	35.3	31.9
Yarn and thread mills	NA	NA	NA	NA	41.7	38.9
Miscellaneous textile goods	42.8	41.4	41.2	41.5	42.0	40.3
Apparel and other textile products	36.9	36.9	37.0	36.9	36.5	35.6
Men's and boy's suits, coats, and furnishings	34.6	36.0	36.8	36.6	37.3	34.9
Women's and children's outerwear and undergarments	38.2	37.2	37.0	36.6	35.6	35.5
Paper and allied products	43.6	43.7	43.2	43.2	42.4	41.7
Pulp, paper, and paperboard	44.4	44.9	44.2	43.9	43.7	43.5
Miscellaneous converted paper and paperboard products, containers, and boxes	43.1	42.7	42.4	42.5	41.2	40.1
Print and publishing	39.1	40.1	39.0	40.1	38.1	38.4
Newspapers and periodicals	36.0	35.7	35.1	35.4	33.8	34.9
Chemicals and allied products	41.2	40.6	40.9	41.1	41.2	40.9
Plastics materials and synthetics	40.9	40.3	41.3	41.2	41.2	40.5
Agricultural chemicals	NA	NA	NA	NA	37.8	40.4
Leather and leather products	38.5	35.9	39.2	36.3	35.1	35.0

SOURCE: Commonwealth of Virginia, Virginia Employment Commission, *Virginia Trends in Employment Hours and Earnings*, Richmond, Virginia, annual.

NOTE: NA—Not available.

TABLE 14.13
Average Weekly Earnings of Manufacturing
Production Workers, Virginia: 1982-1987

Industry Group	1987	1986	1985	1984	1983	1982
Manufacturing	\$376.07	\$356.73	\$341.65	\$326.43	\$309.26	\$283.01
Durable goods	382.20	365.20	345.98	330.06	315.87	289.38
Lumber and wood products	271.75	257.65	246.41	236.81	224.97	207.10
Furniture and fixtures	244.82	225.72	217.01	207.77	193.04	171.99
Household and office furniture	240.38	221.82	215.12	206.85	192.15	169.82
Stone, clay and glass products	358.28	339.33	310.64	309.20	290.39	264.88
Structural clay products	NA	NA	NA	NA	267.52	237.92
Glass and glass products	NA	NA	NA	NA	330.89	285.29
Primary metal industries	468.27	453.15	391.64	383.72	394.74	338.40
Fabricated metal products	407.30	397.71	382.93	364.46	356.47	345.02
Fabricated structural metal products	363.79	350.88	352.08	334.54	334.93	320.90
Machinery, except electrical	405.65	379.13	350.73	344.86	327.64	303.42
Construction and related machinery	NA	NA	336.88	339.83	331.27	296.40
Special industry machinery, except metalworking	NA	NA	390.70	380.55	363.66	363.01
Refrigeration and service machines	NA	NA	NA	NA	308.37	296.84
Electric and electronic equipment	386.26	365.89	349.87	350.14	325.61	292.60
Communication equipment	403.52	373.77	364.17	374.59	342.95	312.66
Instruments and related products	325.26	254.92	251.16	217.70	231.28	205.30
Miscellaneous manufacturing industries	306.47	297.27	272.25	257.91	254.80	219.56
Nondurable goods	370.76	350.37	337.73	324.75	303.03	277.43
Food and kindred products	351.70	322.78	306.94	285.61	270.66	257.28
Tobacco manufactures	NA	NA	NA	NA	NA	414.40
Cigarettes	NA	NA	NA	NA	NA	435.34
Textile mill products	281.36	269.18	254.55	248.58	235.62	211.68
Weaving mills, cotton, synthetics, and wool	319.72	300.35	274.82	274.86	259.61	233.53

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TABLE 14.13
Average Weekly Earnings of Manufacturing Production
Workers, Virginia: 1982-1987, *CONTINUED*

Industry Group	1987	1986	1985	1984	1983	1982
Knitting mills	253.37	246.75	230.52	221.88	207.92	183.43
Yarn and thread mills	NA	NA	NA	NA	232.77	195.67
Miscellaneous textile goods	314.58	288.56	277.69	271.83	265.44	238.98
Apparel and other textile products	201.47	198.52	198.69	185.24	176.30	164.83
Men's and boys' suits, coats, and furnishings	202.41	206.64	207.55	198.74	194.33	173.45
Women's and children's outerwear and undergarments	194.06	184.88	186.11	189.59	161.27	155.85
Paper and allied products	503.58	484.63	455.76	439.34	412.13	378.64
Pulp, paper, and paperboard	618.94	599.86	565.32	538.21	504.74	465.89
Miscellaneous converted paper and paperboard products, containers, and boxes	402.55	383.45	364.22	352.75	329.60	297.94
Printing and publishing	424.63	414.63	384.54	384.96	347.85	324.86
Newspapers and periodicals	355.68	338.79	314.15	304.09	286.62	278.85
Chemicals and allied products	491.52	469.74	454.81	435.25	423.95	386.51
Plastics materials and synthetics	506.75	484.81	478.25	456.91	433.01	393.66
Agricultural chemicals	NA	NA	NA	NA	259.69	267.04
Leather and leather products	180.95	166.42	174.44	158.63	149.88	144.55

SOURCE: Commonwealth of Virginia, Virginia Employment Commission, *Virginia Trends in Employment Hours and Earnings*, Richmond, Virginia, annual.

NOTES: In dollars.
 NA—Not available.

TABLE 14.14
Employment Related to Manufactured Exports for
the U.S., Virginia, and Surrounding States: 1986

	Civilian Employment	Private Sector Employment	Employment Related to Manufactured Exports		
			Total	Manu- facturing Industries	Non- manufacturing Industries
United States	111,874.3	86,619.2	4,576.6	2,318.2	2,258.4
Virginia	2,779.5	2,065.5	81.0	38.4	42.6
Delaware	313.2	256.2	13.6	8.0	5.6
District of Columbia	324.1	204.1	4.2	1.1	3.1
Florida	5,324.7	4,187.7	146.4	52.5	93.9
Georgia	2,902.3	2,287.3	92.5	42.5	50.0
Kentucky	1,570.9	1,203.9	52.8	24.4	28.4
Maryland	2,262.7	1,619.7	55.9	25.4	30.5
North Carolina	3,017.9	2,400.9	135.1	75.5	59.6
South Carolina	1,470.5	1,128.5	67.7	39.1	26.6
Tennessee	2,150.4	1,677.4	82.6	42.2	40.4
West Virginia	697.9	524.9	25.0	12.4	12.6

SOURCE: U.S. Department of Commerce, Bureau of the Census, *News*, U.S. Government Printing Office, Washington, D.C., 1989. (Press release CB89-38.)

NOTES: In thousands.
 "Private Sector Employment" represents civilian employment less Federal, State, and local government employment.



TABLE 14.15
Export-Related Manufacturing Employment for
the U.S., Virginia, and Surrounding States: 1984

	Manufactures Shipment Value				Manufacturing Employment			
	Export Related				Export Related			
	Total	Total	Direct Exports	Supporting Exports	Total	Total	Direct Exports	Supporting Exports
United States	\$2,251.3	\$268.3	\$151.0	\$117.3	19,141	2,179	1,083	1,095
Virginia	43.9	4.8	2.9	1.9	408	37	19	18
Delaware	9.6	1.1	0.7	0.4	69	9	3	6
District of Columbia	1.7	0.1	(Z)	(Z)	15	1	(Z)	1
Florida	47.8	6.0	3.8	2.2	468	48	26	22
Georgia	61.6	5.1	2.7	2.4	542	42	20	22
Kentucky	37.4	4.1	2.1	2.0	252	26	12	14
Maryland	23.6	2.3	1.1	1.2	229	24	12	12
North Carolina	78.8	8.5	4.8	3.7	828	69	31	38
South Carolina	34.0	4.0	1.9	2.1	365	34	14	20
Tennessee	49.5	5.0	2.7	2.3	477	42	21	21
West Virginia	10.8	1.9	0.9	1.0	87	11	5	7

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1988*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: Export-related employment data do not include the jobs involved in the export of nonmanufactured goods and various services sold to foreign buyers. Thus jobs in the manufacturing sector that relate to the export of nonmanufactured goods are excluded from the estimates. In addition, all of the indirect exports being reported are domestically produced, that is, they exclude imports. These data include employees of central administrative and auxiliary offices.

"Manufactures Shipment Value" in billions of dollars.

"Manufacturing Employment" in thousands.

Z—Less than \$50 million or fewer than 500.

TABLE 14.16
Shipments and Employment Related to Manufactured Exports, Virginia: 1984

SIC Code	Group	Value of Manufacturers' Shipments			Manufacturing Employment		
		Total	Total Export Related	Percent	Total	Total Export Related	Percent
	All	\$43,907.9	\$4,781.0	10.9%	407.9	36.7	9.0%
20	Food and kindred products	6,327.1	307.0	4.9	35.6	0.9	2.5
21	Tobacco products	4,241.3	844.8	19.9	15.0	3.4	22.7
22	Textile mill products	3,257.2	245.9	7.5	38.3	2.6	6.8
23	Apparel and other textile products	1,236.8	24.1	1.9	32.4	0.2	0.6
24	Lumber and wood products	1,635.4	80.4	4.9	22.2	1.6	7.2
25	Furniture and fixtures	1,233.2	63.4	5.1	25.1	1.1	4.4

CONTINUED ➡

TABLE 14.16
Shipments and Employment Related to Manufactured
Exports, Virginia: 1984, *CONTINUED*

SIC Code	Group	Value of Manufacturers' Shipments			Manufacturing Employment		
		Total	Total Export Related	Percent	Total	Total Export Related	Percent
26	Paper and allied products	2,262.1	268.0	11.7	14.2	1.5	10.6
27	Printing and publishing	2,017.3	88.5	4.4	26.2	0.8	3.1
28	Chemicals and allied products	5,222.4	1,171.8	22.4	32.1	6.4	19.9
30	Rubber and miscellaneous plastics products	1,696.4	193.0	11.4	13.5	1.6	11.9
32	Stone, clay, and glass products	889.8	55.0	6.2	10.2	0.6	5.9
33	Primary metal industries	926.7	176.7	19.1	8.0	1.5	18.7
34	Fabricated metal products	1,973.2	159.9	8.1	15.6	1.2	7.7
35	Machinery, except electrical	1,721.7	259.9	15.1	17.5	2.6	14.9
36	Electric and electronic equipment	3,942.0	564.2	14.3	38.1	6.3	16.5
37	Transportation equipment	3,989.1	131.8	3.3	40.5	0.8	2.0
38	Instruments and related products	396.2	87.0	22.0	6.0	1.2	20.0
39	Miscellaneous manufacturing industries	177.0	5.2	2.9	2.2	0.2	9.1
	Auxiliaries ¹				12.2	1.2	9.8

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1984 Annual Survey of Manufactures. *Origin of Exports of Manufactured Products*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Value of Manufacturers' Shipments—Total" in millions of dollars. Includes total domestic and export shipments for all manufacturing establishments.

"Value of Manufacturers' Shipments—Total Export Related" in millions of dollars.

"Manufacturing Employment—Total" in thousands. Includes employees of central administrative offices (CAOs) and auxiliaries (warehouses, garages, repair shops, etc.) serving operating manufacturing establishments.

"Manufacturing Employment—Total Export Related" in thousands.

¹Auxiliaries are units which serve manufacturing establishments, such as storage warehouses, power plants, research laboratories, etc., rather than the general public.

C—Withheld to avoid disclosing data for individual companies; data are included in total.

**TABLE 14.17****Union Membership for the U.S., Virginia, and Surrounding States: 1939–1982**

	1982	1980	1975	1960	1953	1939
United States	19,571.0	20,968.0	22,207.0	15,516.1	10,310.0	6,491.3
Virginia	231.9	228.5	253.4	117.0	160.9	72.6
Delaware	52.6	57.7	58.4	26.0	26.6	6.2
District of Columbia	198.9	216.1	190.7	100.3	111.1	75.5
Florida	359.3	347.6	427.1	172.4	140.1	46.3
Georgia	279.3	282.2	248.6	124.4	140.0	37.9
Kentucky	237.3	250.9	256.5	163.3	159.8	89.9
Maryland	310.7	313.6	391.3	180.3	209.8	62.1
North Carolina	207.5	210.1	220.1	63.6	86.4	27.3
South Carolina	67.5	73.2	66.1	33.7	51.2	13.0
Tennessee	292.1	304.9	324.4	174.4	193.0	75.4
West Virginia	175.8	183.9	208.2	131.0	230.7	163.0

SOURCE: Industrial Relations Data Information Services. *Union Sourcebook*. West Orange, New Jersey, 1985.

NOTE: In thousands.

TABLE 14.18**Percent Union Membership for the U.S., Virginia, and Surrounding States: 1939–1982**

	1982	1980	1975	1960	1953	1939
United States	21.9%	23.2%	28.9%	28.6%	32.5%	21.2%
Virginia	10.9	10.6	14.4	11.5	17.8	13.4
Delaware	20.3	22.3	25.8	18.2	19.1	8.2
District of Columbia	33.4	35.1	33.0	18.7	21.5	22.6
Florida	9.6	9.7	15.6	13.1	16.5	11.9
Georgia	12.7	13.1	14.4	11.8	15.1	7.2
Kentucky	20.4	20.7	24.6	25.0	25.3	23.5
Maryland	18.6	18.3	27.5	20.1	25.8	12.6
North Carolina	8.9	8.8	11.0	5.3	8.4	4.4
South Carolina	5.8	6.2	6.8	5.8	9.4	4.2
Tennessee	17.3	17.5	21.7	18.8	22.6	15.9
West Virginia	28.9	28.5	37.1	28.5	45.0	43.6

SOURCE: Industrial Relations Data Information Services. *Union Sourcebook*. West Orange, New Jersey, 1985.

TABLE 14.19
Union Representation in Virginia: January 1, 1986

Union	Number of Firms Represented	Union	Number of Firms Represented
Teamsters	146	Painters	4
Mineworkers	45	Plant Guards	4
Clothing and Textile Workers	38	Typographical Workers	4
Steelworkers	38	Federation of Government Employees	3
Food and Commercial Workers	37	Electronic and Radio Machine Workers	2
Laborers	37	Flint Glass Workers	2
Machinists	37	Furniture Workers	2
Paperworkers	37	Molders	2
Bakery and Tobacco Workers	24	National Association of Government Employees	2
Ladies Garment Workers	21	Plumbers and Pipefitters	2
Autoworkers	19	Railway Carmen	2
Brotherhood of Electrical Workers	19	Retail and Wholesale Department Stores	2
Carpenters	17	Television and Radio Artists	2
Graphic Communications	17	Asbestos Workers	1
Ironworkers	14	Distillery Workers	1
Oil and Chemical Workers	13	Federation of Federal Employees	1
Service Employees	13	Firefighters	1
Communications Workers	12	Garment Workers	1
Boilermakers and Cement Workers	11	Glass, Pottery, and Plastic Workers	1
Transit Union	11	Mailers	1
Chemical Workers	10	Marble Polishers	1
Operating Engineers	10	Marine Engineers	1
Seafarers	10	Marine Designers	1
Longshoremen	8	Maritime Union	1
Electrical Workers	7	Metal Trades Council	1
Laundry and Dry Cleaners	7	National Association of Government Workers	1
Woodworkers	7	News Guild	1
Aluminium, Brick, and Glass Workers	6	Pattern Workers	1
Hotel Employees	6	Plastic and Leather Workers	1
Rubberworkers	6	Railway and Airline Clerks	1
Office and Professional Workers	5	Security Officers	1
Sheetmetal Workers	5	Southern Labor Union	1
United Textile Workers	5	Textile Processors	1
Firemen and Oilers	4	Theatrical Employees	1

SOURCE: Virginia Chamber of Commerce, Management Relations Department. *Union Directory of Virginia, 14th Edition*. Richmond, Virginia, annual.

NOTE: Excludes retail food chains, most construction firms, railroads, airlines, and public utilities.



Section 15: Personal and Business Services

In Virginia, as in the entire nation, service industries account for an increasingly large share of total economic activity. This section presents data on receipts, payroll, and employment in a wide variety of service establishments, such as hotels and motels, automotive repair, legal services, and health services. Hospitals, however, are covered in Section 22 with other health statistics.

All the information in this section is based on the Census Bureau's 1982 Census of Service Industries, the latest that includes data for Virginia. Conducted every five years as part of the Economic Censuses, this Census covers all service industries as defined in the *Standard Industrial Classification Manual* except hospitals, schools, and certain other organizations (see below). The *Geographic Area Series*, with one volume for each state, gives data for the state, MSAs, and counties and independent cities. In addition to the summary data for counties and independent cities reproduced here, this series includes information on more detailed SIC codes for localities with 300 establishments or more. Another volume, *Miscellaneous Subjects*, contains data only for states and selected MSAs.

These Census reports distinguish between firms subject to federal income tax and those which are exempt, and present separate tables for these categories. All the information gathered in this section pertains to firms subject to federal tax.

CONCEPTS

SERVICE INDUSTRIES

The *Standard Industrial Classification Manual* (prepared by the Office of Management and Budget) divides service industries into 15 Major Groups (2-digit SIC Codes) which are the basis for the classifications in the Census of Service Industries. The following SIC subdivisions, however, are excluded from the Census Bureau's coverage of Service Industries: Hospitals (SIC 806), Elementary and secondary schools (SIC 821), Colleges, universities, and professional schools, and junior colleges (SIC 822), Labor unions and similar labor organizations (SIC 863), Political organizations (SIC 865), Religious organizations (SIC 866), Private households (SIC 881), and governmental organizations classified in the covered industries. A listing of the SIC categories included in the Census survey will be found in Table 15.14.

ESTABLISHMENTS

An establishment is a single place where business is conducted; a company or enterprise may consist of one or more than one establishment. Statistics for service industries are based on reports for individual establishments rather than companies.

Figure 15.1
Business Failures as a Percent of New
Business Incorporations: 1987

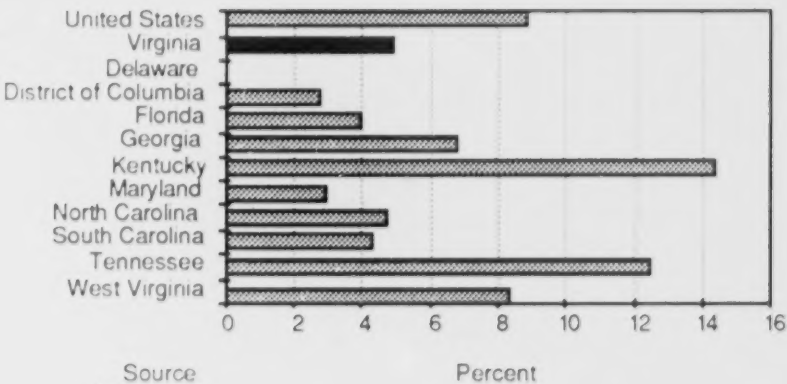


Figure 15.2
Change in the Number of Business Incorporations: 1985-1987

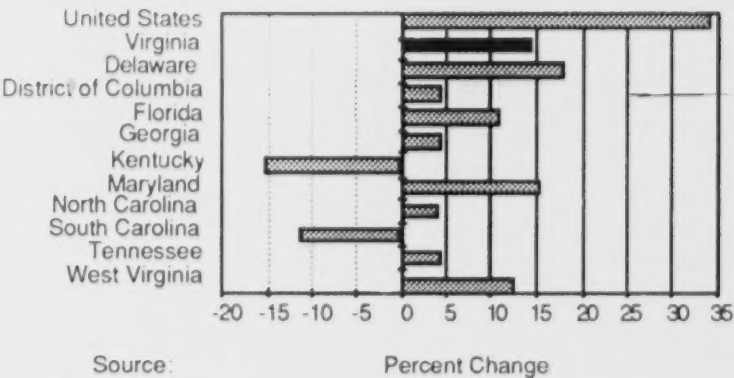




TABLE 15.1
Business Incorporations and Failures for the U.S.,
Virginia, and Surrounding States: 1984-1987

	New Business Incorporations			Number of Failures			Current Liabilities	
	1987	1986	1985	1987	1986	1985	1985	1984
United States	684.6	702.1	662.0	61,209	61,232	57,253	\$33,376	\$29,269
Virginia	17.2	16.7	15.0	865	684	991	573.9	269.0
Delaware	31.4	31.5	26.6	31	46	46	20.1	31.1
District of Columbia	2.3	2.3	2.2	64	69	61	27.9	21.7
Florida	79.4	77.6	71.6	3,207	3,316	2,792	2,277.1	1,045.0
Georgia	18.1	17.6	17.3	1,230	606	955	277.4	237.7
Kentucky	6.7	7.7	7.9	965	947	972	357.4	215.3
Maryland	16.4	16.0	14.2	490	462	453	311.2	105.2
North Carolina	12.3	12.7	11.8	585	583	663	64.2	123.8
South Carolina	6.3	6.2	7.1	278	264	235	19.8	54.7
Tennessee	9.1	9.3	8.7	1,139	1,166	1,213	466.6	1,044.7
West Virginia	2.8	2.6	2.5	235	225	366	85.8	133.0

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States, 1989*; U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "New Business Incorporations" in thousands.
 "Current Liabilities" in millions of dollars. Liabilities exclude long-term publicly held obligations; offsetting assets are not taken into account. Includes concerns discontinued following assignment, voluntary or involuntary petition in bankruptcy, attachment, execution, foreclosure, etc.; voluntary withdrawals from business with known loss to creditors; also enterprises involved in court action, such as receivership and reorganization or arrangement which may or may not lead to discontinuance, and businesses making voluntary compromise with creditors out of court.

TABLE 15.2
Service Industry Employment and Annual Pay for the U.S.,
Virginia, and Surrounding States: 1983-1987

	Employment			Average Annual Pay		
	1987	1986	1985	1985	1984	1983
United States	24,137.0	23,099.0	21,974.0	\$16,640	\$16,068	\$15,351
Virginia	626.4	579.3	544.7	16,761	15,883	15,011
Delaware	73.0	66.6	62.8	13,525	12,831	13,576
District of Columbia	230.0	219.2	212.7	23,339	22,417	21,003
Florida	1,305.3	1,205.6	1,129.8	16,135	15,425	14,772
Georgia	536.1	503.3	469.3	16,041	15,154	14,318
Kentucky	273.5	259.6	246.8	13,560	13,261	12,905

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TABLE 15.2
Service Industry Employment and Annual Pay for the U.S.,
Virginia, and Surrounding States: 1983-1987, *CONTINUED*

	Employment			Average Annual Pay		
	1987	1986	1985	1985	1984	1983
Maryland	535.3	502.8	472.8	17,707	16,689	15,792
North Carolina	485.5	456.3	428.7	14,482	13,910	13,142
South Carolina	241.6	223.1	209.9	13,218	12,646	12,105
Tennessee	407.1	364.7	360.2	15,540	14,953	14,205
West Virginia	124.6	121.3	116.4	14,191	13,691	13,209

SOURCES: U.S. Department of Commerce, Bureau of the Census, *State and Metropolitan Area Data Book 1986*. U.S. Government Printing Office, Washington, D.C., 1986. U.S. Department of Labor, Bureau of Labor Statistics, *Employment and Earnings, March and May 1988*. U.S. Government Printing Office, Washington, D.C., monthly. U.S. Department of Labor, Bureau of Labor Statistics, *News, "Average Annual Pay by State and Industry, 1985."* USDL 86-361. U.S. Government Printing Office, Washington, D.C., irregular.

NOTES: "Employment" in thousands.
 "Average Annual Pay" in dollars. Includes workers covered by Unemployment Insurance and Unemployment Compensation for Federal Employees programs.
 1985 "Average Annual Pay" data are preliminary.

TABLE 15.3
Number of Service Industry Establishments with Payroll
by Type for the U.S., Virginia, and Surrounding States: 1982

	Establishments by Type			
	Total	Business Services	Personal Services	Automotive Repair
United States	1,261.7	215,125	167,749	115,481
Virginia	27.6	5,023	4,172	2,496
Delaware	3.2	569	474	299
District of Columbia	6.3	1,571	505	403
Florida	68.7	12,025	8,753	5,757
Georgia	28.2	4,836	3,894	2,825
Kentucky	14.7	1,681	2,410	1,355
Maryland	22.6	4,255	2,989	1,798
North Carolina	27.1	3,739	4,316	2,746
South Carolina	13.9	1,817	2,080	1,357
Tennessee	21.4	3,063	3,311	2,099
West Virginia	7.4	723	1,327	630

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States, 1986*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Total" in thousands. Includes establishments not shown separately.
 "Automotive Repair" includes services and garages.

TABLE 15.4
**Receipts of Service Industry Establishments with Payroll
by Type for the U.S., Virginia, and Surrounding States: 1982**

	Receipts			
	Total	Business Services	Personal Services	Automotive Repair
United States	\$426,982	\$106,866	\$22,960	\$30,695
Virginia	9,177	2,882	553	616
Delaware	850	171	50	90
District of Columbia	4,218	1,156	99	123
Florida	21,542	4,539	1,095	1,736
Georgia	8,795	2,332	495	766
Kentucky	3,678	579	300	288
Maryland	8,583	3,107	447	538
North Carolina	6,268	1,205	538	586
South Carolina	3,301	490	243	276
Tennessee	6,344	1,504	446	509
West Virginia	1,759	201	146	109

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1986*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Receipts" in millions of dollars.
"Total" includes establishments not shown separately.
"Automotive Repair" includes services and garages.

TABLE 15.5
**Summary Statistics for Medical and Dental Laboratories
for the U.S., Virginia and Surrounding States: 1982**

	Establish- ments	Receipts	Annual Payroll	Paid Employees		
				Total	Technicians	Other
United States	12,195	\$4,082,578	\$1,619,511	103,711	57,982	45,729
Virginia	175	79,496	33,644	1,862	1,049	813
Delaware	33	12,688	6,196	347	200	147
District of Columbia	30	6,541	2,915	176	118	58
Florida	707	184,189	71,299	4,706	2,565	2,141
Georgia	292	98,535	39,488	2,746	1,381	1,365
Kentucky	129	39,782	15,788	1,157	632	525
Maryland	227	83,249	32,995	2,007	1,247	760
North Carolina	282	60,913	22,753	1,578	1,135	443
South Carolina	83	17,490	6,306	474	273	201
Tennessee	202	75,759	30,683	1,923	970	953
West Virginia	53	15,026	4,871	334	213	121

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Service Industries. *Miscellaneous Subjects*. U.S. Government Printing Office, Washington, D.C., 1985.

NOTES: "Receipts" and "Annual Payroll" in thousands of dollars.
"Paid Employees" are for the period including March 12, 1982.

TABLE 15.6
Summary Statistics for Dentists' Offices for the
U.S., Virginia, and Surrounding States: 1982

	Establishments	Receipts	Annual Payroll	Paid Employees
United States	94,944	\$16,071,205	\$5,788,456	402,489
Virginia	2,095	329,033	125,103	8,640
Delaware	192	42,356	17,974	1,095
District of Columbia	328	50,548	17,521	1,152
Florida	3,837	737,010	283,423	17,990
Georgia	1,860	325,447	125,565	8,415
Kentucky	1,249	154,672	51,418	4,285
Maryland	1,829	285,785	105,797	7,684
North Carolina	1,850	305,225	117,219	8,021
South Carolina	946	141,736	51,833	3,873
Tennessee	1,724	247,232	85,193	6,513
West Virginia	544	82,435	25,304	2,151

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Service Industries. *Miscellaneous Subjects*. U.S. Government Printing Office, Washington, D.C., 1985.

NOTES: "Receipts" and "Annual Payroll" in thousands of dollars.
 "Paid Employees" are for the period including March 12, 1982.

TABLE 15.7
Summary Statistics for Osteopathic Physicians' Offices
for the U.S., Virginia, and Surrounding States: 1982

	Establishments	Receipts	Annual Payroll	Paid Employees
United States	6,548	\$1,371,126	\$627,724	28,977
Virginia	21	3,120	1,321	89
Delaware	20	3,119	1,432	93
District of Columbia	1	(C)	(C)	(C)
Florida	527	101,269	47,291	1,976
Georgia	76	11,507	5,469	273
Kentucky	18	2,548	889	58
Maryland	9	806	279	20
North Carolina	7	808	312	22
South Carolina	4	223	62	9
Tennessee	30	4,175	1,654	111
West Virginia	35	6,505	1,792	149

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Service Industries. *Miscellaneous Subjects*. U.S. Government Printing Office, Washington, D.C., 1985.

NOTES: "Receipts" and "Annual Payroll" in thousands of dollars.
 "Paid Employees" are for the period including March 12, 1982.
 C—Withheld to avoid disclosing data for individual companies.



TABLE 15.8
Summary Statistics for Physicians' Offices for the
U.S., Virginia, and Surrounding States: 1982

	Establishments	Receipts	Annual Payroll	Paid Employees
United States	172,857	\$50,662,992	\$24,576,183	822,037
Virginia	3,644	1,086,149	554,141	19,332
Delaware	505	126,507	64,109	2,199
District of Columbia	920	226,724	100,636	3,345
Florida	9,691	2,985,861	1,489,033	45,189
Georgia	3,953	1,224,469	595,258	20,412
Kentucky	2,202	699,870	332,727	11,966
Maryland	3,909	960,472	471,601	16,827
North Carolina	3,227	1,022,722	531,797	19,023
South Carolina	1,770	473,356	239,914	9,191
Tennessee	3,054	1,038,227	533,780	17,025
West Virginia	1,223	376,571	175,483	6,147

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Service Industries. *Miscellaneous Subjects*. U.S. Government Printing Office, Washington, D.C., 1985.

NOTES: "Receipts" and "Annual Payroll" in thousands of dollars.
 "Paid Employees" are for the period including March 12, 1982.

TABLE 15.9
Summary Statistics for Engineering, Architectural, and Surveying
Firms for the U.S., Virginia, and Surrounding States: 1982

	Establishments	Source of Receipts						
		Total	Architectural Services	Land-scape Architecture	Consulting & Design Engineering Services	Surveying Services	Work not Performed In-house	Other Sources
United States	45,341	\$34,314,740	\$5,328,512	\$72,193	\$24,712,266	\$1,546,697	\$2,073,598	\$581,424
Virginia	1,135	975,980	109,792	1,199	785,178	35,381	36,281	8,149
Delaware	107	29,913	8,227	363	14,277	4,369	2,566	111
District of Columbia	225	199,437	68,446	(C)	105,369	4,750	(C)	1,921
Florida	2,561	1,114,793	236,696	2,304	671,664	98,010	91,559	14,560
Georgia	1,025	582,432	117,448	2,460	366,521	34,511	47,606	13,886
Kentucky	479	202,841	31,259	265	144,140	13,708	10,381	3,088
Maryland	840	897,779	(C)	(C)	(C)	(C)	(C)	(C)
North Carolina	1,022	285,609	65,429	778	171,203	34,103	12,736	1,360
South Carolina	479	269,820	42,300	447	202,757	16,303	6,208	1,805
Tennessee	699	377,132	76,143	1,399	269,023	10,266	16,779	3,522
West Virginia	253	72,041	13,041	133	47,551	9,385	1,576	355

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Service Industries. *Miscellaneous Subjects*. U.S. Government Printing Office, Washington, D.C., 1985.

NOTES: "Source of Receipts" in thousands of dollars.
 "Architectural Services" excludes landscape architecture.
 C—Withheld to avoid disclosing data for individual companies.

TABLE 15.10

Summary Statistics for Travel Agencies, Tour Operators, and other Passenger Transportation Services for the U.S., Virginia, and Surrounding States: 1982

	Establishments with Payroll			
	Number	Receipts	Annual Payroll	Paid Employees
United States	19,826	\$4,015,030	\$1,411,400	111,759
Virginia	280	51,430	20,932	1,647
Delaware	31	8,161	2,932	252
District of Columbia	154	45,107	14,613	994
Florida	1,426	240,869	79,382	6,908
Georgia	259	54,254	19,431	1,572
Kentucky	93	11,443	4,434	400
Maryland	261	46,907	18,272	1,442
North Carolina	178	34,242	11,651	991
South Carolina	75	11,537	4,423	385
Tennessee	178	42,992	13,039	1,050
West Virginia	27	3,805	1,433	125

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Service Industries. *Miscellaneous Subjects*. U.S. Government Printing Office, Washington, D.C., 1985.

NOTES: "Receipts" and "Annual Payroll" in thousands of dollars.
 "Paid Employees" are for the period including March 12, 1982.

TABLE 15.11

Summary Statistics for Accounting, Auditing, and Bookkeeping Firms for the U.S., Virginia, and Surrounding States: 1982

	Establishments	Receipts	Annual Payroll	Total	Paid Employees		
					Certified Public Accountants	Public Accountants	All Others
United States	51,900	\$14,596,289	\$5,933,057	330,198	87,085	93,089	150,024
Virginia	942	198,027	87,635	5,313	1,626	1,322	2,365
Delaware	107	19,812	8,418	552	87	218	247
District of Columbia	125	84,470	35,106	1,557	561	522	474
Florida	2,960	609,573	258,332	15,201	4,434	3,552	7,215
Georgia	1,160	283,230	116,363	7,364	(C)	(C)	(C)
Kentucky	585	117,017	45,570	3,021	771	746	1,504
Maryland	860	223,052	99,239	5,246	1,815	1,400	2,031
North Carolina	1,187	222,240	91,953	6,105	1,712	1,593	2,800
South Carolina	514	91,363	33,141	2,459	(C)	(C)	(C)
Tennessee	762	177,281	69,320	4,249	1,274	1,000	1,975
West Virginia	303	50,314	18,587	1,347	295	315	737

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Service Industries. *Miscellaneous Subjects*. U.S. Government Printing Office, Washington, D.C., 1985.

NOTES: "Receipts" and "Annual Payroll" in thousands of dollars.

"Paid Employees" are for the period including March 12, 1982.

C—Withheld because estimates did not meet standards on the basis of either response rate, associated standard error, or a consistency review.

TABLE 15.12

Major Sources of Receipts for Accounting, Auditing, and Bookkeeping Firms for the U.S., Virginia, and Surrounding States: 1982

	Total Receipts	Sources of Receipts					
		Accounting & Auditing Services	Book-keeping Services	Management Advisory Services	Tax Consultation Services	Tax Preparation Services	Other Sources
United States	\$14,596.3	\$7,409.0	\$1,740.2	\$1,201.7	\$812.5	\$3,086.7	\$346.1
Virginia	198.0	101.8	20.9	11.4	9.6	50.7	3.7
Delaware	19.8	(C)	(C)	(C)	(C)	(C)	(C)
District of Columbia	84.5	(C)	(C)	(C)	(C)	(C)	(C)
Florida	609.6	277.9	98.5	40.0	37.8	143.8	11.6
Georgia	283.2	132.1	41.0	26.7	15.5	62.8	5.3
Kentucky	117.0	57.0	15.5	6.8	6.3	29.2	2.1
Maryland	223.1	111.7	33.3	14.8	12.2	43.7	7.4
North Carolina	222.2	112.5	29.4	13.1	10.2	53.3	3.8
South Carolina	91.4	45.6	14.4	4.1	3.8	21.7	1.7
Tennessee	177.3	90.7	21.5	11.7	12.3	38.0	3.1
West Virginia	50.3	(C)	(C)	(C)	(C)	(C)	(C)

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Service Industries. *Miscellaneous Subjects*. U.S. Government Printing Office, Washington, D.C., 1985.

NOTES: In millions of dollars.

C—Withheld because estimates did not meet standards on the basis of either response rate, associated standard error, or a consistency review.

TABLE 15.13

Number of Firms and Receipts, Selected Service Industries, Virginia: 1972-1982

SIC Code	Kind of Business	Establishments with Payroll					
		1982		1977		1972	
		Number	Receipts	Number	Receipts	Number	Receipts
...	Total	27,568	\$9,176,995	15,904	\$3,365,070	13,779	\$1,819,769
70	Hotels, motels, and other lodging places	998	744,100	1,006	444,974	1,018	243,220
72	Personal services	4,172	552,903	3,994	372,682	4,227	268,167
73	Business services	5,023	2,882,001	3,165	1,137,315	2,163	523,755
75	Automotive repair, services, and garages	2,496	616,341	2,202	382,364	1,729	210,275
76	Miscellaneous repair services	1,203	274,139	1,230	173,330	927	101,344
78,79	Amusement and recreation services, including motion pictures	1,281	368,569	1,184	229,992	1,362	149,462
80, ex.							
806	Health services, except hospitals	6,887	1,878,402	(a)	(a)	(a)	(a)

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TABLE 15.13
Number of Firms and Receipts, Selected Service
Industries, Virginia: 1972-1982, *CONTINUED*

SIC Code	Kind of Business	Establishments with Payroll					
		1982		1977		1972	
		Number	Receipts	Number	Receipts	Number	Receipts
81	Legal services	2,472	530,961	2,170	309,009	1,651	168,901
823,824, 829	Selected educational services	148	35,557	NA	NA	NA	NA
891	Engineering, architectural, and surveying services	1,135	975,980	648	302,223	614	146,985
893	Accounting, auditing, and bookkeeping services	942	198,027	NA	NA	NA	NA
83,892, 899	Social and other services	811	117,015	NA	NA	NA	NA

SOURCES: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Service Industries. *Geographic Area Series Virginia*. U.S. Government Printing Office, Washington, D.C., 1984; U.S. Department of Commerce, Bureau of the Census, 1977 Census of Service Industries. *Geographic Area Series Virginia*. U.S. Government Printing Office, Washington, D.C., 1980; U.S. Department of Commerce, Bureau of the Census, 1972 Census of Service Industries. *Geographic Area Series Virginia*. U.S. Government Printing Office, Washington, D.C., 1974.

NOTES: "Receipts" in thousands of dollars.
 NA—Only SIC 8072 (dental laboratories) tabulated in 1972 and 1977.
 NA—Not available.

TABLE 15.14
Summary Statistics for Virginia Personal and Business
Service Firms Subject to Federal Income Tax: 1982

SIC Code	Kind of Business	Establishments with Payroll			
		Number	Receipts	Payroll	Annual Paid Employees
	Total	27,568	\$9,176,995	\$3,675,204	255,276
70	Hotels, motels, and other lodging places	998	744,100	198,847	25,846
7011	Hotels, motor hotels, and motels	864	725,426	194,933	25,470
702,3,4	Other lodging places	134	18,674	3,914	376
72	Personal Services	4,172	552,903	205,102	26,173
721	Laundry, cleaning, and garment services	1,156	228,092	81,375	9,380
722	Photographic studios, portrait	144	30,598	7,130	1,229
723,4	Beauty and barber shops	2,041	146,404	72,533	9,458
725	Shoe repair, shoe shine, and hat cleaning shops	77	4,899	1,425	194
726	Funeral service and crematories	343	95,074	26,553	2,284
729	Miscellaneous personal services	411	47,836	16,086	3,628
73	Business Services	5,023	2,882,001	1,226,804	81,426
731	Advertising	236	80,375	34,796	1,756
734	Services to dwellings and other buildings	848	152,072	81,165	14,474
736	Personnel supply services	313	130,009	82,930	11,284
737	Computer and data processing services	653	1,147,005	487,518	19,453
7392	Management, consulting, and public relations services	1,224	569,754	244,085	11,940
7394	Equipment rental and leasing services	320	140,014	36,047	2,290

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TABLE 15.14
Summary Statistics for Virginia Personal and Business Service
Firms Subject to Federal Income Tax: 1982, *CONTINUED*

SIC Code	Kind of Business	Establishments with Payroll			Annual Paid Employees
		Number	Receipts	Payroll	
735, 7396, 7399 pt	Other business services, n.e.c.	378	129,446	45,693	3,809
75	Automotive repair, services, and garages	2,496	616,341	147,854	12,020
751	Automotive rental and leasing, without drivers	168	186,526	26,808	2,010
752	Automobile parking	184	19,656	3,137	504
753	Automotive repair shops	1,962	383,829	109,473	8,470
754	Automotive services, except repair	182	26,330	8,436	1,036
76	Miscellaneous repair services	1,203	274,139	90,365	6,395
762	Electrical and electronic repair shops	398	95,992	33,932	2,225
764	Reupholstery and furniture repair	186	14,226	4,506	507
763,9	Other repair shops and related services	619	163,921	51,927	3,663
78,79	Amusement and recreation services, including motion pictures	1,281	368,569	89,412	11,060
781,2	Motion picture production, distribution, and services	60	42,282	6,413	354
783	Motion picture theaters	209	74,202	10,147	2,160
792	Producers, orchestras, and entertainers	61	8,339	2,997	446
793	Bowling alleys and billiards and pool establishments	116	35,343	9,558	1,678
794	Commercial sports	36	17,609	10,761	301
79 except 792,3,4	Other amusement and recreation services	799	190,794	49,536	6,121
80 except					
806	Health services, except hospitals	6,887	1,878,402	875,229	47,189
801	Offices of physicians	3,644	1,086,149	554,141	19,332
802	Offices of dentists	2,095	329,003	125,103	8,640
803	Offices of osteopathic physicians	21	3,120	1,321	89
804,1	Offices of chiropractors	119	13,245	3,743	311
804,2	Offices of optometrists	315	41,660	11,310	988
805	Nursing and personal care facilities	146	239,551	107,915	13,277
807	Medical and dental laboratories	175	79,496	33,644	1,862
808	Outpatient care facilities	92	45,276	18,746	976
809	Health and allied services, n.e.c.	63	17,682	9,435	1,065
81	Legal services	2,472	530,961	191,546	10,773
823	Libraries and information centers	3	134	33	7
824	Correspondence schools and vocational schools	58	26,631	11,327	967
829	Schools and educational services, n.e.c.	87	11,792	4,112	428
891	Engineering, architectural, and surveying services	1,135	975,980	495,532	21,518
893	Accounting, auditing, and bookkeeping services	942	198,027	87,635	5,313
83,892,899	Social and other services	811	117,015	51,406	6,161
83	Social services	659	81,274	34,518	5,368
892,899	Other services	152	35,741	16,888	793

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Service Industries. *Geographic Area Series Virginia*. U.S. Government Printing Office, Washington, D.C., 1984.

NOTES: "Receipts" and "Payroll" in thousands of dollars.
 "Annual Paid Employees" are for the period including March 12, 1982.
 n.e.c.—Not elsewhere classified.

TABLE 15.15A
Summary Statistics for Service Firms
for Virginia's Counties and Cities: 1982

	Total Establishments					Kind-of-Business	
	Number	Receipts	Annual Payroll	First Quarter Payroll	Paid Employees	Hotels, Motels, & other Lodging Places	
						Number	Receipts
Virginia	27,568	\$9,176,995	\$3,675,204	\$862,592	255,276	998	\$744,100
Counties							
Accomack	123	17,745	6,196	1,222	568	22	4,660
Albemarle	116	20,039	7,041	1,582	577	3	(C)
Alleghany	7	3,397	2,138	419	46	...	...
Amelia	14	1,397	375	83	49	...	...
Amherst	89	14,096	4,865	1,135	529	4	1,204
Appomattox	46	3,676	930	198	134	3	206
Arlington	1,349	1,025,172	419,775	99,267	22,681	32	122,846
Augusta	129	22,847	7,128	1,556	807	12	5,560
Bath	26	(C)	(C)	(C)	(C)	8	(C)
Bedford	41	5,228	2,068	500	252	3	(C)
Bland	6	(C)	(C)	(C)	(C)	...	...
Botetourt	45	5,810	1,948	405	173	5	1,501
Brunswick	3*	3,620	759	166	133	1	(C)
Buchanan	82	16,662	6,265	1,357	369	1	(C)
Buckingham	23	3,086	917	177	74	2	(C)
Campbell	96	10,299	2,935	677	320	3	377
Caroline	33	5,034	1,619	360	207	7	2,407
Carroll	62	6,406	1,767	487	252	4	1,002
Charles City	5	409	95	20	25	...	...
Charlotte	28	2,729	956	219	120	2	(C)
Chesterfield	592	139,094	53,709	12,861	4,466	20	11,101
Clarke	65	20,200	7,374	1,448	542	5	(C)
Craig	6	366	123	29	13	...	...
Culpeper	101	30,474	9,729	2,226	855	3	(C)
Cumberland	22	2,315	728	169	66	...	...
Dickenson	39	4,756	1,720	410	176	4	753
Dinwiddie	31	2,335	493	100	61	5	421
Essex	45	5,627	1,762	425	211	2	(C)
Fairfax	3,807	2,167,598	956,656	226,131	49,860	51	59,223
Fauquier	169	30,216	11,647	2,734	1,092	4	1,061
Floyd	21	1,858	298	69	49	1	(C)
Fluvanna	16	1,206	379	75	56	1	(C)
Franklin	91	9,886	3,162	791	397	6	561
Frederick	25	3,582	1,353	319	168	1	(C)
Giles	47	6,562	2,402	521	244	3	(C)
Gloucester	88	20,221	6,349	1,567	517	3	(C)
Goochland	40	3,476	1,208	283	120	...	...
Grayson	27	2,250	586	125	82	1	(C)
Greene	10	985	210	44	23	...	...
Greensville	2	(C)	(C)	(C)	(C)	1	(C)
Halifax	37	2,144	507	134	72	1	(C)
Hanover	203	69,069	19,071	3,766	2,127	10	(C)
Henrico	1,008	309,191	129,665	31,140	10,814	14	(C)
Henry	108	17,985	6,331	1,523	628	8	3,111
Highland	8	567	123	30	33	1	(C)
Isle of Wight	44	5,428	2,203	502	206	1	(C)
James City	43	10,259	3,798	792	463	9	4,519
King and Queen	4	(C)	(C)	(C)	(C)	1	(C)

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TABLE 15.15A
Summary Statistics for Service Firms for Virginia's
Counties and Cities: 1982, *CONTINUED*

Total Establishments						Kind of Business	
Number	Receipts	Annual Payroll	First Quarter Payroll	Paid Employees	Number	Hotels, Motels, & other Lodging Places	
						Number	Receipts
King George	37	18,664	7,802	1,667	393	2	(C)
King William	34	3,606	831	176	119	1	(C)
Lancaster	59	17,943	6,822	1,250	518	5	7,988
Lee	73	6,599	2,338	538	246	5	(C)
Loudoun	357	89,898	30,321	7,086	2,488	6	9,161
Louisa	42	3,981	1,124	241	135	3	463
Lunenburg	29	2,728	747	162	99	—	—
Madison	29	2,983	914	172	101	4	(C)
Mathews	30	2,750	672	122	99	3	(C)
Macklenburg	118	13,484	4,321	973	404	8	(C)
Middlesex	36	4,186	1,282	310	176	6	1,326
Montgomery	247	59,237	24,562	6,002	2,623	10	(C)
Nelson	31	2,423	712	173	103	3	(C)
New Kent	20	1,869	577	124	55	3	(C)
Northampton	62	6,576	2,501	537	226	7	1,378
Northumberland	37	3,632	1,091	230	104	3	(C)
Nottoway	63	8,315	2,981	939	331	3	(C)
Orange	62	6,747	2,077	517	261	1	(C)
Page	70	12,342	4,168	898	448	7	1,303
Patrick	31	5,935	2,143	501	154	—	—
Pittsylvania	98	11,226	2,648	657	330	3	489
Powhatan	24	2,193	1,036	228	122	—	—
Prince Edward	63	7,548	2,813	680	315	6	522
Prince George	26	12,714	6,209	1,276	367	3	(C)
Prince William	509	101,531	38,051	8,901	3,552	16	13,700
Pulaski	103	14,195	5,395	1,216	551	4	(C)
Rappahannock	14	1,673	484	132	39	—	—
Richmond	26	2,324	935	155	64	—	—
Roanoke	260	58,895	20,496	4,653	1,912	12	10,322
Rockbridge	30	7,430	2,138	556	260	6	(C)
Rockingham	132	30,366	7,001	1,541	673	5	(C)
Russell	63	6,973	2,586	533	259	2	(C)
Scott	55	8,453	2,402	469	197	4	582
Shenandoah	120	14,352	4,290	1,026	522	10	(C)
Smyth	104	22,685	7,332	1,742	710	5	(C)
Southampton	35	4,120	1,279	276	119	4	572
Spotsylvania	73	64,593	13,833	3,254	1,100	6	3,725
Stafford	97	24,202	8,701	1,831	1,057	6	2,512
Surry	11	650	123	31	19	1	(C)
Sussex	34	3,457	889	200	130	4	899
Tazewell	192	38,450	14,791	4,394	991	5	(C)
Warren	108	14,667	4,709	1,031	489	12	2,571
Washington	111	23,629	10,461	2,374	772	7	2,142
Westmoreland	47	3,724	1,127	263	131	9	701
Wise	141	24,371	9,163	1,994	623	8	1,587
Wythe	88	13,018	4,472	1,082	418	11	2,341
York	101	56,902	15,192	2,575	1,170	12	(C)
Cities							
Alexandria	1,038	472,953	177,541	42,687	10,394	13	24,389
Bedford	100	9,674	3,501	773	343	3	(C)
Bristol	146	23,796	7,313	1,694	882	10	2,918

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TABLE 15.15A
Summary Statistics for Service Firms for Virginia's
Counties and Cities: 1982, *CONTINUED*

Total Establishments						Kind-of-Business	
						Hotels, Motels, & other Lodging Places	
	Number	Receipts	Annual Payroll	First Quarter Payroll	Paid Employees	Number	Receipts
Buena Vista	24	1,849	577	130	80	1	(C)
Charlottesville	524	128,881	49,110	11,597	4,520	13	18,005
Chesapeake	385	93,312	38,049	8,756	2,999	7	(C)
Clifton Forge	26	8,205	3,099	729	333	...	...
Colonial Heights	77	13,831	5,893	1,430	654	...	...
Covington	64	8,611	2,577	507	277	6	1,666
Danville	342	64,012	26,017	5,909	2,017	10	4,698
Emporia	57	17,174	5,845	1,368	590	3	(C)
Fairfax	439	176,564	76,965	17,756	4,431	8	4,179
Falls Church	269	101,337	38,467	8,581	2,403	2	(C)
Franklin	58	7,978	3,257	854	250	...	...
Fredericksburg	252	56,825	22,381	6,034	1,638	10	6,553
Galax	70	16,349	5,731	1,293	495	1	(C)
Hampton	514	152,430	67,380	14,820	5,710	19	17,131
Harrisonburg	233	50,279	16,912	4,322	1,513	11	5,561
Hopewell	107	20,270	7,866	1,938	665	3	(C)
Lexington	89	10,424	3,107	701	388	7	3,945
Lynchburg	503	126,059	48,426	11,477	4,065	10	8,601
Manassas	162	39,564	13,832	3,365	994	2	(C)
Manassas Park	6	1,413	750	233	42	...	...
Martinsville	180	34,417	12,699	3,037	1,110	1	(C)
Newport News	788	186,665	81,294	19,205	6,112	20	(C)
Norfolk	1,426	554,629	228,608	52,934	16,642	52	39,756
Norton	60	12,252	4,701	1,033	304	5	450
Petersburg	268	65,251	25,274	5,788	2,026	8	5,673
Poquoson	25	2,884	905	212	83	...	...
Portsmouth	476	122,878	50,236	11,744	3,828	7	4,042
Radford	70	12,752	5,723	1,206	401	2	(C)
Richmond	1,938	678,291	263,032	63,740	20,138	38	34,526
Roanoke	790	228,211	92,878	22,881	7,268	21	17,043
Salem	169	53,011	22,952	5,283	1,758	11	5,382
South Boston	95	16,910	6,859	1,716	636	4	(C)
Staunton	178	30,048	10,872	2,610	1,094	2	(C)
Suffolk	187	29,224	11,566	2,952	1,012	4	(C)
Virginia Beach	1,614	446,035	182,862	41,599	14,535	107	56,554
Waynesboro	114	18,909	6,908	1,507	600	5	(C)
Williamsburg	198	95,169	27,897	5,507	2,728	51	72,436
Winchester	320	72,350	28,519	6,764	1,859	12	4,830
MSAs:							
Bristol (Va. portion)	312	55,878	20,176	4,537	1,851	21	5,642
Charlottesville	666	151,111	56,740	13,298	5,176	17	18,005
Danville	440	75,238	28,665	6,566	2,347	13	5,187
Lynchburg	688	150,454	56,226	13,289	4,914	17	10,182
Norfolk	5,845	1,770,608	714,136	162,663	55,799	291	194,438
Northern Virginia	8,033	4,200,232	1,761,059	415,838	97,902	136	236,010
Richmond	4,339	1,317,993	514,128	122,694	41,640	104	51,721
Roanoke	1,264	345,927	138,274	33,222	11,111	49	34,248

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TABLE 15.15A
Summary Statistics for Service Firms for Virginia's
Counties and Cities: 1982, *CONTINUED*

Total Establishments						Kind-of-Business	
						Hotels, Motels, & other Lodging Places	
	Number	Receipts	Annual Payroll	First Quarter Payroll	Paid Employees	Number	Receipts
Planning Districts							
LENOWISCO	329	51,675	18,604	4,034	1,370	22	2,619
Cumberland Plateau	376	66,841	25,362	6,694	1,795	12	753
Mount Rogers	614	108,133	37,662	8,797	3,611	39	8,403
New River Valley	488	94,604	38,381	9,014	3,868	20	(C)
Fifth	1,367	366,506	146,211	34,906	11,780	55	35,914
Central Shenandoah	963	172,719	54,766	12,953	5,448	58	15,066
Lord Fairfax	708	137,493	50,413	11,486	4,028	47	8,704
Northern Virginia	7,936	4,176,030	1,752,358	414,007	96,845	130	233,498
Rappahannock-Rapidan	375	72,093	24,851	5,781	2,348	12	1,061
Thomas Jefferson	739	157,515	58,576	13,712	5,414	23	18,468
Central Virginia	875	169,032	62,725	14,760	5,643	26	10,388
West Piedmont	852	143,461	53,000	12,418	4,636	28	8,859
Southside	284	36,158	12,446	2,989	1,245	14	(C)
Piedmont	242	28,118	9,517	2,429	1,054	13	522
Richmond Regional	3,830	1,203,592	468,393	112,162	37,867	85	45,627
RADCO	492	169,318	54,336	13,146	4,395	31	15,197
Northern Neck	169	27,623	9,975	1,898	817	17	8,689
Middle Peninsula	237	36,390	10,896	2,600	1,122	16	1,326
Crater	613	135,682	52,592	12,131	4,512	28	6,993
Southeastern Virginia	4,225	1,263,604	518,060	119,617	39,591	182	100,924
Peninsula	1,669	504,309	196,466	43,111	16,266	111	94,086
Accomack-Norhampton	185	24,321	8,697	1,759	794	29	6,038

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Service Industries, *Geographic Area Series Virginia*, U.S. Government Printing Office, Washington, D.C., 1984.

NOTES: Statistics limited to establishments with payroll and subject to Federal income tax.

"Receipts," "Annual Payroll" and "First Quarter Payroll" in thousands of dollars.

"Paid Employees" are for the period including March 12, 1982.

C—Withheld to avoid disclosing data for individual companies. Data are included in state total and broader kind-of-business totals, but not in Metropolitan Statistical Area or Planning District totals.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 15.15B
Summary Statistics for Service Firms for
Virginia's Counties and Cities: 1982, Continued

	Kind-of-Business							
	Automotive Repair, Services, & Garages		Amusement & Recreation Services		Health Services, except Hospitals		Legal Services	
	Number	Receipts	Number	Receipts	Number	Receipts	Number	Receipts
Virginia	2,496	\$616,341	1,281	\$368,569	6,887	\$1,878,402	2,472	\$530,961
Counties								
Accomack	9	531	12	706	22	2,268	15	1,573
Albemarle	12	3,603	5	1,067	27	4,553	5	426
Alleghany	1	(C)	...	...	5	(C)	...	...
Amelia	4	371	1	(C)	2	(C)	2	(C)
Amherst	20	2,244	5	282	14	2,266	9	611
Appomattox	5	222	4	299	8	944	7	374
Arlington	88	57,276	41	6,825	239	(C)	160	53,670
Augusta	20	2,718	8	1,344	37	6,646	4	498
Bath	4	152	1	(C)	4	387	3	282
Bedford	2	(C)	6	1,402	9	1,013	1	(C)
Bland	1	(C)	...	...	...	...	1	(C)
Botetourt	6	667	1	(C)	10	1,021	5	488
Brunswick	10	751	2	(C)	5	528	3	(C)
Buchanan	8	1,058	2	(C)	22	4,995	8	2,471
Buckingham	4	129	...	...	4	232	3	(C)
Campbell	17	2,064	14	1,051	19	2,175	8	985
Caroline	4	518	1	(C)	5	396	6	373
Carroll	9	1,129	5	1,242	13	1,157	3	424
Charles City	1	(C)	1	(C)	2	(C)	...	...
Charlotte	4	252	5	353	4	408	4	330
Chesterfield	43	11,640	30	(C)	147	28,080	40	5,663
Clarke	9	2,378	7	924	11	4,169	8	578
Craig	...	...	1	(C)	2	(C)	...	...
Culpeper	6	917	6	633	31	5,279	6	987
Cumberland	4	959	1	(C)	10	999	3	120
Dickenson	7	273	3	(C)	7	1,191	4	377
Dinwiddie	5	(C)	...	...	6	(C)	4	(C)
Essex	4	426	4	323	11	3,121	5	363
Fairfax	203	60,180	151	56,812	827	246,309	221	47,252
Fauquier	13	2,382	18	5,821	44	8,553	15	1,463
Floyd	2	(C)	1	(C)	4	725	4	254
Fluvanna	1	(C)	...	...	5	282	1	(C)
Franklin	10	947	5	86	17	4,431	13	1,306
Frederick	2	(C)	1	(C)	5	809	...	...
Giles	6	582	...	...	17	3,107	4	433
Gloucester	6	870	6	980	22	6,397	14	1,027
Goochland	7	697	4	(C)	6	970	8	313
Grayson	3	217	...	...	8	852	4	209
Greene	2	(C)	...	...	2	(C)	2	(C)
Greensville	...	...	...	...	(C)	(C)	...	...
Halifax	7	331	3	(C)	7	654	7	475
Hanover	30	4,629	7	(C)	32	6,623	16	1,464
Henrico	82	19,664	47	10,561	297	102,283	58	8,042
Henry	21	4,118	7	(C)	22	4,763	2	(C)
Highland	1	(C)	...	...	1	(C)	2	(C)
Isle of Wight	7	980	1	(C)	6	1,271	7	573
James City	3	313	...	...	11	2,122	4	(C)
King and Queen	2	(C)	...	...	...	...	...	...
King George	3	(C)	...	...	2	(C)	4	197
King William	5	780	2	(C)	6	959	7	682

CONTINUED ➡



TABLE 15.15B

Summary Statistics for Service Firms for Virginia's
Counties and Cities: 1982, *CONTINUED*

	Kind-of-Business							
	Automotive Repair, Services, & Garages		Amusement & Recreation Services		Health Services, except Hospitals		Legal Services	
	Number	Receipts	Number	Receipts	Number	Receipts	Number	Receipts
Lancaster	6	915	2	(C)	19	6,149	6	1,312
Lee	7	358	6	443	16	3,529	9	640
Loudoun	23	17,195	21	4,280	83	(C)	33	3,776
Louisa	10	613	3	(C)	4	595	9	795
Lunenburg	8	1,189	2	(C)	5	623	4	220
Madison	4	481	1	(C)	7	815	7	307
Mathews	3	181	1	(C)	7	901	3	(C)
Mecklenburg	14	1,505	6	1,103	30	4,746	8	569
Middlesex	4	388	...	...	9	1,379	5	282
Montgomery	28	2,675	17	2,517	58	30,990	21	2,392
Nelson	3	235	1	(C)	6	510	5	370
New Kent	4	288	1	(C)	4	(C)	5	170
Northampton	6	412	4	163	18	2,994	9	512
Northumberland	5	322	...	...	11	1,209	5	293
Nottoway	10	2,398	4	128	13	2,600	7	431
Orange	7	653	5	368	11	1,435	8	1,307
Page	7	1,040	9	4,445	12	2,895	9	748
Patrick	6	1,699	4	859	12	2,105	3	519
Pittsylvania	23	5,027	4	238	18	1,646	6	1,018
Powhatan	2	(C)	...	...	6	524	4	105
Prince Edward	4	467	2	(C)	17	(C)	7	369
Prince George	1	(C)	5	(C)	1	(C)	2	(C)
Prince William	60	9,675	26	6,392	124	29,936	28	4,050
Pulaski	15	1,127	5	400	27	6,503	9	1,037
Rappahannock	1	(C)	...	...	1	(C)	6	299
Richmond	1	(C)	1	(C)	7	779	5	505
Roanoke	18	2,556	19	(C)	75	(C)	3	82
Rockbridge	4	461	3	(C)	4	663	...	...
Rockingham	26	17,901	9	698	30	4,489	4	(C)
Russell	10	651	3	(C)	16	2,445	7	1,020
Scott	8	3,345	5	404	13	1,982	6	503
Shenandoah	17	2,573	7	826	27	3,974	12	945
Smyth	13	3,485	4	290	37	8,260	10	708
Southampton	8	603	...	...	7	914	6	347
Spotsylvania	12	(C)	5	(C)	16	3,003	3	577
Stafford	22	3,470	4	150	9	5,164	9	672
Surry	...	...	...	...	1	(C)	4	304
Sussex	4	1,097	1	(C)	5	309	5	305
Tazewell	23	2,450	14	1,544	49	15,922	20	2,702
Warren	13	2,043	7	1,049	27	4,183	11	822
Washington	5	812	4	(C)	31	10,826	16	3,799
Westmoreland	3	104	2	(C)	7	831	5	731
Wise	16	2,017	7	807	30	9,084	7	732
Wythe	10	711	3	(C)	18	4,221	8	933
York	10	2,716	7	(C)	19	2,870	9	611
Cities								
Alexandria	70	35,237	30	29,218	267	77,696	129	28,770
Bedford	12	1,105	5	118	17	2,814	11	920
Bristol	10	1,863	11	(C)	20	3,869	14	1,929
Buena Vista	1	(C)	1	(C)	6	715	4	202
Charlottesville	35	(C)	21	3,679	132	(C)	57	10,924
Chesapeake	47	(C)	13	(C)	105	27,064	24	(C)
Clifton Forge	...	...	3	(C)	12	6,762	3	(C)

CONTINUED ➡

TABLE 15.15B

Summary Statistics for Service Firms for Virginia's
Counties and Cities: 1982, *CONTINUED*

	Kind-of-Business							
	Automotive Repair, Services, & Garages		Amusement & Recreation Services		Health Services, except Hospitals		Legal Services	
	Number	Receipts	Number	Receipts	Number	Receipts	Number	Receipts
Colonial Heights	10	1,793	4	(C)	21	6,545	7	678
Covington	4	744	5	386	16	2,033	4	(C)
Danville	30	4,166	17	2,490	110	31,100	24	2,866
Emporia	2	(C)	5	326	15	7,953	5	832
Fairfax	29	10,480	14	5,405	96	46,310	111	30,526
Falls Church	17	7,497	12	3,232	96	(C)	31	6,157
Franklin	5	698	3	(C)	23	4,439	6	833
Fredericksburg	19	(C)	11	2,167	74	24,359	29	3,491
Galax	8	2,285	6	324	27	8,872	5	644
Hampton	33	8,756	28	(C)	132	30,365	42	6,068
Harrisonburg	18	3,549	11	1,639	79	20,617	19	4,094
Hopewell	11	2,481	5	433	39	9,515	13	1,892
Lexington	2	(C)	3	(C)	26	2,522	13	961
Lynchburg	54	10,368	25	5,496	166	42,795	31	7,139
Manassas	9	1,194	8	1,528	41	9,663	26	3,309
Manassas Park	...	...	...	...	4	(C)	...	...
Martinsville	16	3,839	11	1,320	66	17,322	17	2,952
Newport News	101	17,101	28	7,822	239	63,853	71	11,527
Norfolk	143	44,622	53	17,866	345	114,295	114	48,211
Norton	2	(C)	2	(C)	26	4,820	6	3,702
Petersburg	29	4,877	15	3,099	100	31,260	16	2,212
Poquoson	4	484	2	(C)	9	1,203	1	(C)
Portsmouth	55	13,517	18	4,907	151	45,945	49	8,394
Radford	4	591	4	(C)	29	8,187	8	948
Richmond	199	73,951	69	15,120	490	139,347	215	106,351
Roanoke	125	20,802	31	8,328	187	61,599	72	18,605
Salem	23	4,957	6	(C)	34	24,851	16	1,198
South Boston	12	932	6	924	26	10,101	3	(C)
Staunton	7	656	12	2,176	52	10,906	18	2,585
Suffolk	19	2,389	8	525	49	13,322	18	2,136
Virginia Beach	88	17,871	91	19,994	384	99,635	110	19,366
Waynesboro	4	889	6	820	43	7,696	8	1,468
Williamsburg	4	592	8	(C)	55	12,265	19	1,624
Winchester	28	8,721	17	1,761	112	34,761	25	5,221
MSAs								
Bristol (Va. portion)	23	6,020	20	404	64	16,677	36	6,231
Charlottesville	50	3,603	26	4,746	166	4,835	65	11,350
Danville	53	9,193	21	2,728	128	32,746	30	3,884
Lynchburg	91	14,676	44	6,829	199	47,236	48	8,735
Norfolk	513	109,231	262	52,094	1,521	419,336	475	98,964
Northern Virginia	521	202,204	307	113,842	1,786	415,078	748	178,182
Richmond	424	120,020	188	29,213	1,151	325,147	388	126,890
Roanoke	172	28,982	57	8,328	306	87,471	96	20,373
Planning Districts								
LENOWISCO	33	5,720	20	1,654	85	19,415	28	5,577
Cumberland Plateau	48	4,432	22	1,544	94	24,553	39	6,570
Mount Rogers	59	10,502	33	1,856	154	38,057	61	8,646
New River Valley	55	4,975	27	2,917	135	49,512	46	5,064
Fifth	177	29,726	66	8,714	341	96,266	103	20,373
Central Shenandoah	87	26,326	54	6,677	282	54,641	75	10,090
Lord Fairfax	76	16,755	48	9,005	194	50,791	65	8,314
Northern Virginia	499	198,734	303	113,692	1,777	409,914	739	177,510

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TABLE 15.15B
Summary Statistics for Service Firms for Virginia's
Counties and Cities: 1982, *CONTINUED*

	Kind-of-Business							
	Automotive Repair, Services, & Garages		Amusement & Recreation Services		Health Services, except Hospitals		Legal Services	
	Number	Receipts	Number	Receipts	Number	Receipts	Number	Receipts
Rappahannock-Rapidan	31	4,433	30	6,822	94	16,082	42	4,363
Thomas Jefferson	63	4,451	30	4,746	176	5,940	79	12,515
Central Virginia	110	16,003	59	8,648	233	52,007	67	10,029
West Piedmont	106	19,796	48	4,993	245	61,367	65	8,661
Southside	43	3,519	17	2,027	68	16,029	21	1,044
Piedmont	38	5,765	15	481	55	4,862	30	1,470
Richmond Regional	368	110,869	159	25,681	984	277,827	346	122,108
RADCO	60	3,988	21	2,317	106	32,922	51	5,310
Northern Neck	15	1,341	5	(C)	44	8,968	21	2,841
Middle Peninsula	24	2,645	13	1,303	55	12,757	34	2,354
Crater	62	10,248	35	3,858	188	55,582	56	6,223
Southeastern Virginia	372	80,680	187	43,292	1,072	306,885	334	79,860
Peninsula	155	29,962	73	7,822	465	112,678	146	19,830
Accomack-Norhampton	15	943	16	869	40	5,262	24	2,085

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Service Industries. *Geographic Area Series Virginia*. U.S. Government Printing Office, Washington, D.C., 1984.

NOTES: "Receipts" in thousands of dollars.

C—Withheld to avoid disclosing data for individual companies. Data are included in state total and broader kind-of-business totals, but not in Metropolitan Statistical Area or Planning District totals.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.



Section 16: Population

This section presents statistics on the growth, distribution, and characteristics of Virginia's population. The principal sources of these data are the U.S. Bureau of the Census, the University of Virginia's Center for Public Service, and the Virginia Employment Commission.

The Census Bureau, as mandated by the U.S. Constitution, conducts a census of the population every 10 years. In addition to the decennial census, the Bureau also conducts the Current Population Survey (a monthly population survey), a program of population estimates and projections, and a number of other periodic surveys of population characteristics.

The Center for Public Service prepares annual population estimates for Virginia localities under the auspices of the Census Bureau's Federal-State Cooperative Program for Local Population Estimates. The Center also publishes a series of analytic reports based on the results of the decennial censuses, and is a coordinating agency in the Census Bureau's State Data Center Program.

The Virginia Employment Commission prepares population projections for Virginia localities under the auspices of the Census Bureau's Federal-State Cooperative Program for Population Projections. The Commission is also the lead agency in the Census Bureau's State Data Center Program.

CONCEPTS

METROPOLITAN STATISTICAL AREAS

In general, a metropolitan statistical area (MSA) includes a large population nucleus together with adjacent communities that are socially and economically integrated with this nucleus. In effect, the definition specifies a boundary around each large city that includes most or all suburbs in addition to the city itself. The definition also includes smaller satellite communities and some open country, since entire counties generally form the MSA building blocks. Consolidated metropolitan statistical areas (CMSAs) are large metropolitan complexes within which individual components, designated as PMSAs (primary metropolitan statistical areas), have been defined. Many of these PMSAs were formerly recognized as standard metropolitan statistical areas (SMSAs). MSAs, CMSAs, and PMSAs are defined by the Office of Management and Budget. The terms MSA, CMSA, and PMSA went into effect June 30, 1983, replacing the previous terms SMSA and SCSA (standard consolidated statistical area).

In 1980 Virginia contained all or part of 10 SMSAs: Charlottesville, Danville, Johnson City-Kingsport-Bristol (referred to as "Bristol" for convenience), Lynchburg, Newport News-Hampton, Norfolk-Virginia Beach-Portsmouth, Petersburg-Colonial

Heights-Hopewell, Richmond, Roanoke, and Washington D.C. (referred to as "Northern Virginia"). Between 1980 and 1983 important changes were made in the composition of these areas. Craig County was deleted from the Roanoke SMSA; Appomattox County was deleted from the Lynchburg SMSA; Currituck County, North Carolina, was deleted from the Norfolk-Virginia Beach-Portsmouth SMSA; Stafford County was added to the Washington, D.C. SMSA; the Richmond-Petersburg MSA was created by consolidating the Richmond SMSA and the Petersburg-Colonial Heights-Hopewell SMSA; and the Norfolk-Virginia Beach-Newport News MSA was created by consolidating the Newport News-Hampton SMSA and the Norfolk-Virginia Beach-Portsmouth SMSA.

URBAN AND RURAL

The current Census Bureau definition of urban population includes all person living in (a) places of 2,500 or more inhabitants incorporated as cities, villages, boroughs, and towns (with some exceptions in the New England states), but excluding the population living in rural portions of extended cities (places with low population density in one or more large parts of their area); (b) census designated places (previously termed unincorporated places) of 2,500 or more inhabitants; and (c) other territory, incorporated or unincorporated, included in urbanized areas. An urbanized area consists of a central city or a central core, together with contiguous closely settled territory, that has a total population of at least 50,000. In censuses prior to 1950 the urban population comprised all persons living in incorporated places of 2,500 or more inhabitants, and areas classified as urban under special rules relating to population size and density. Rural populations and areas are those that are not specifically designated as urban.

COUNTIES AND INDEPENDENT CITIES

While counties are the primary political and administrative subdivisions in nearly every state (Alaska and Louisiana are exceptions), in Virginia 41 cities are accorded independent status. These cities are politically and administratively independent of any county organization, and therefore also constitute primary subdivisions of the state. Because the 41 independent cities are in this sense county equivalents, they are listed along with Virginia's 95 counties as distinct entities.

RESIDENCE

In determining residence the Census Bureau counts each person as an inhabitant of a usual place of residence (i.e., the place where one usually eats and sleeps). The usual place of residence may differ from a person's legal residence or voting residence. College students, prisoners, and persons in long-term care facilities, for example, are counted as residents at the site of the facility.

RACE

The 1980 decennial census identified 15 distinct racial groups: White, Black, American Indian, Eskimo, Aleut, Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, Guamanian, and Other (Spanish/Hispanic is not



considered a racial group. Persons of Spanish origin may be of any racial group). The census obtains information on race through self-identification by respondents and therefore racial data represent self-classification by people according to the race with which they identify. The 1980 census population totals for "White" and "Other" are not comparable with corresponding figures from previous censuses. This is due to changes in the way some respondents reported their race as well as changes in 1980 census procedures related to the racial classification.

LIVING ARRANGEMENTS

Living arrangements may be in households or in group quarters. A household comprises all persons who occupy a housing unit, e.g., a house, apartment or other group of rooms, or a single room that constitutes separate living quarters. A household includes the related family members and all unrelated persons, if any, such as lodgers, foster children, wards, or employees who share the housing unit. A person living alone or a group of unrelated persons sharing the same housing unit is also counted as a household.

All persons not living in households are classified as living in group quarters. These individuals may be institutionalized, or they may live in college dormitories, military barracks, or rooming houses.

HOUSEHOLDER

In 1980 the terms "householder" and "family householder" replaced the terms "head of household" and "head of family." The householder is the first adult household member listed on the questionnaire. Census instructions call for listing first the person in whose name the home is owned or rented. Prior to 1980 the husband was always considered the household head (householder) in married-couple families.

FAMILY

The term "family" refers to a group of two or more persons related by birth, marriage, or adoption and residing together in a household. Families are thus distinguished by the presence of two or more related persons. A non-family household may consist of one person living alone, or two or more unrelated persons living together.

POPULATION ESTIMATES AND PROJECTIONS

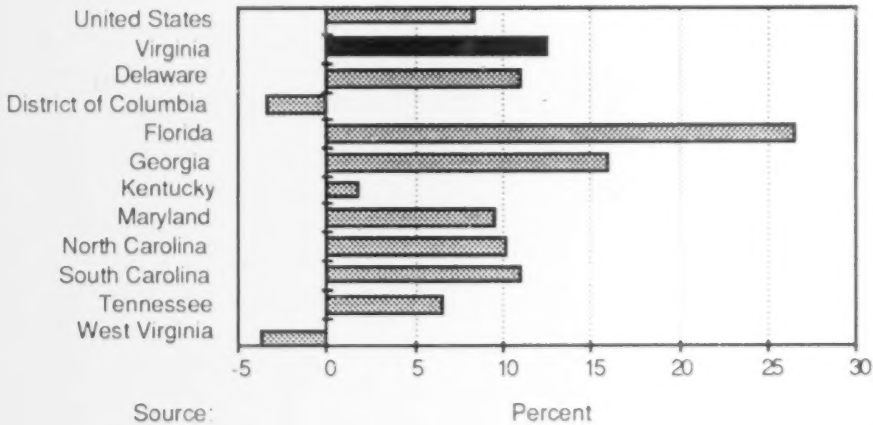
National and state population estimates and projections are developed by the Census Bureau using decennial census data as benchmarks and administrative data from other agencies as current indicators of population change. These estimates and projections are published in the P-25 and P-26 series of *Current Population Reports*. They are generally consistent with official decennial census counts and do not reflect estimated census underenumeration.

Current population estimates for Virginia's counties and independent cities are developed by the Center for Public Service in conjunction with the Census Bureau.

The estimates use 1980 census counts as a benchmark, and administrative data (births, deaths, school enrollment, state and federal tax returns) as symptomatic indicators of population change. These estimates are consistent with the state and national estimates published by the Census Bureau.

Population projections for Virginia's counties and independent cities are issued by the Virginia Employment Commission. These projections are produced on an irregular basis, using 1980 census counts and current population estimates as benchmarks. In addition to projections of total population, counts by age, sex, and race are also available.

Figure 16.1
Population Growth: 1980-1988



Source:
Table 16.1



Figure 16.2
Population Change in Virginia's Metropolitan
Statistical Areas: 1980-1987

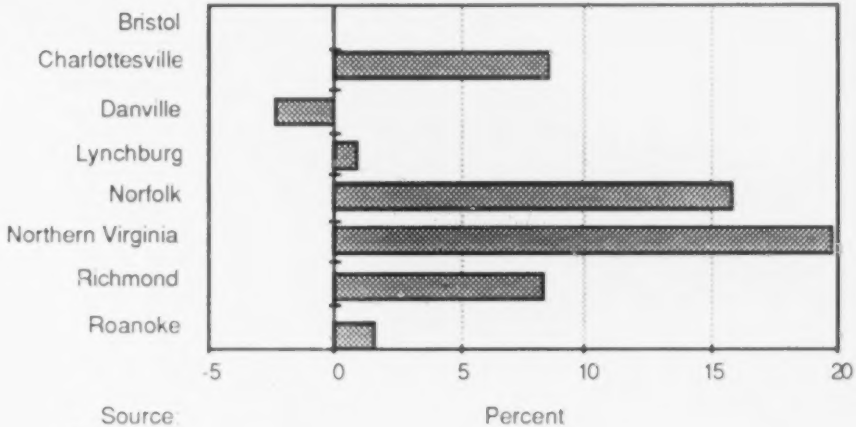
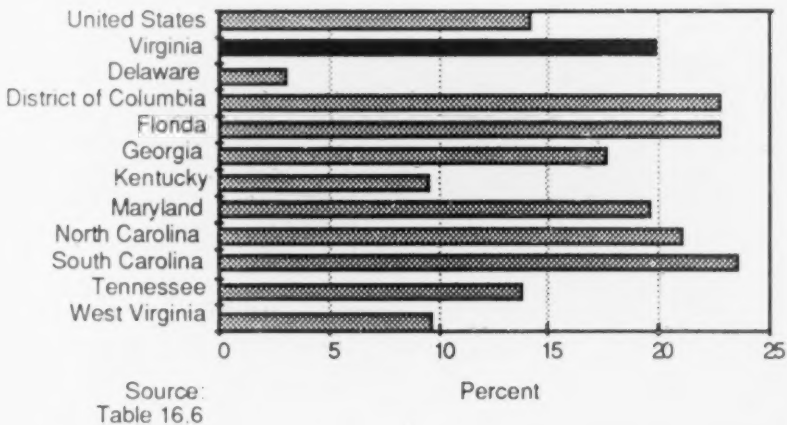
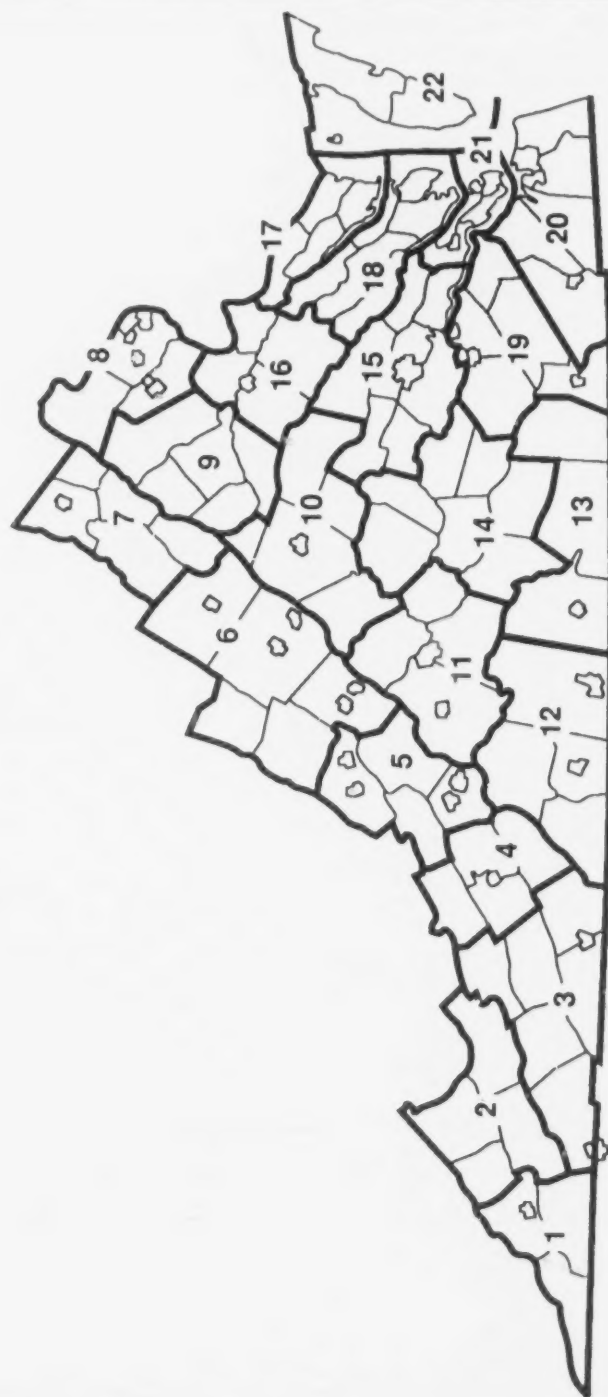


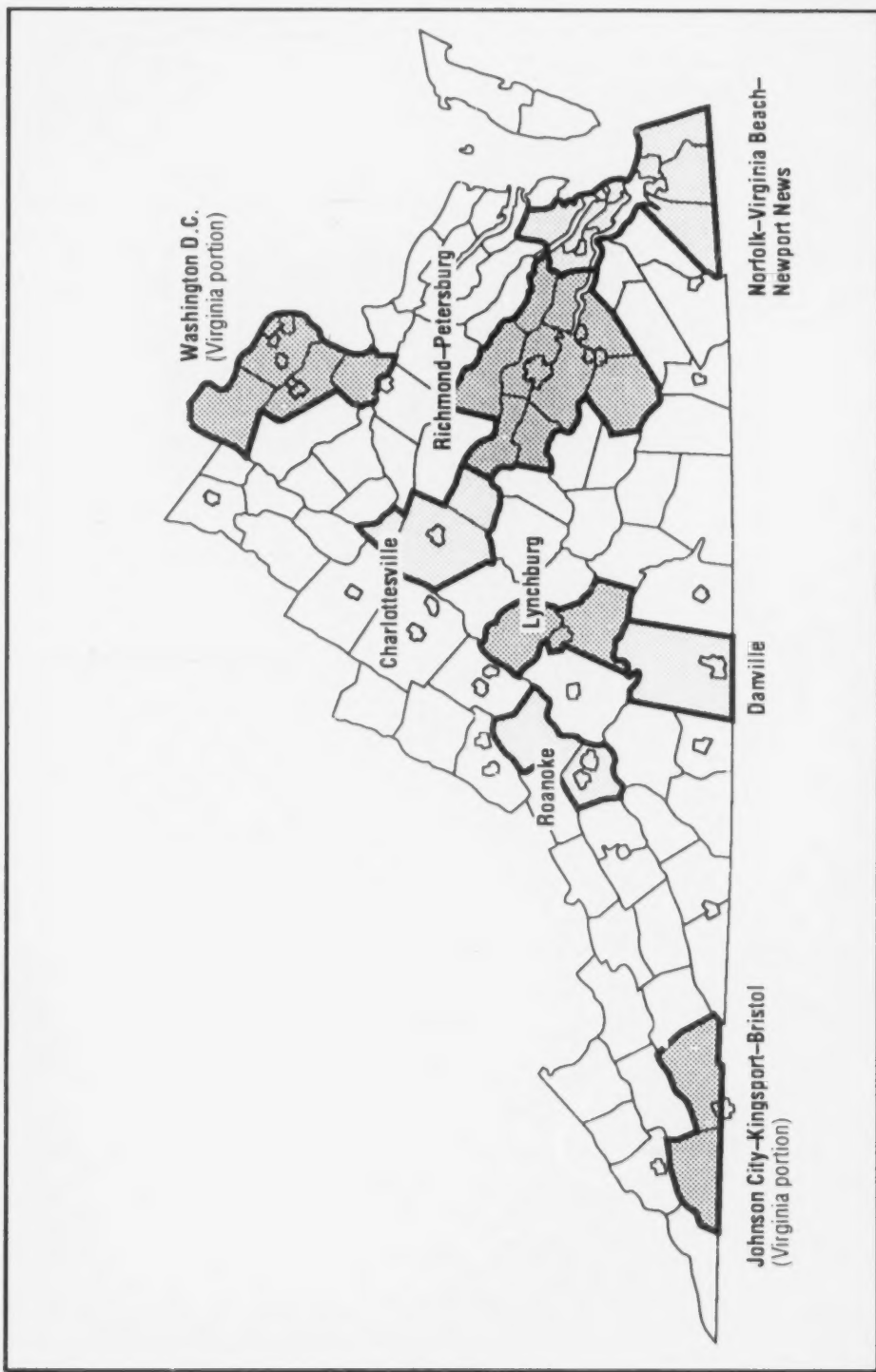
Figure 16.3
Population Growth in the Population
Age 65 and Over: 1980-1986



Map 16.1
Planning Districts



Map 16.2
1983 Metropolitan Statistical Areas



Map 16.3
Virginia Counties And Cities

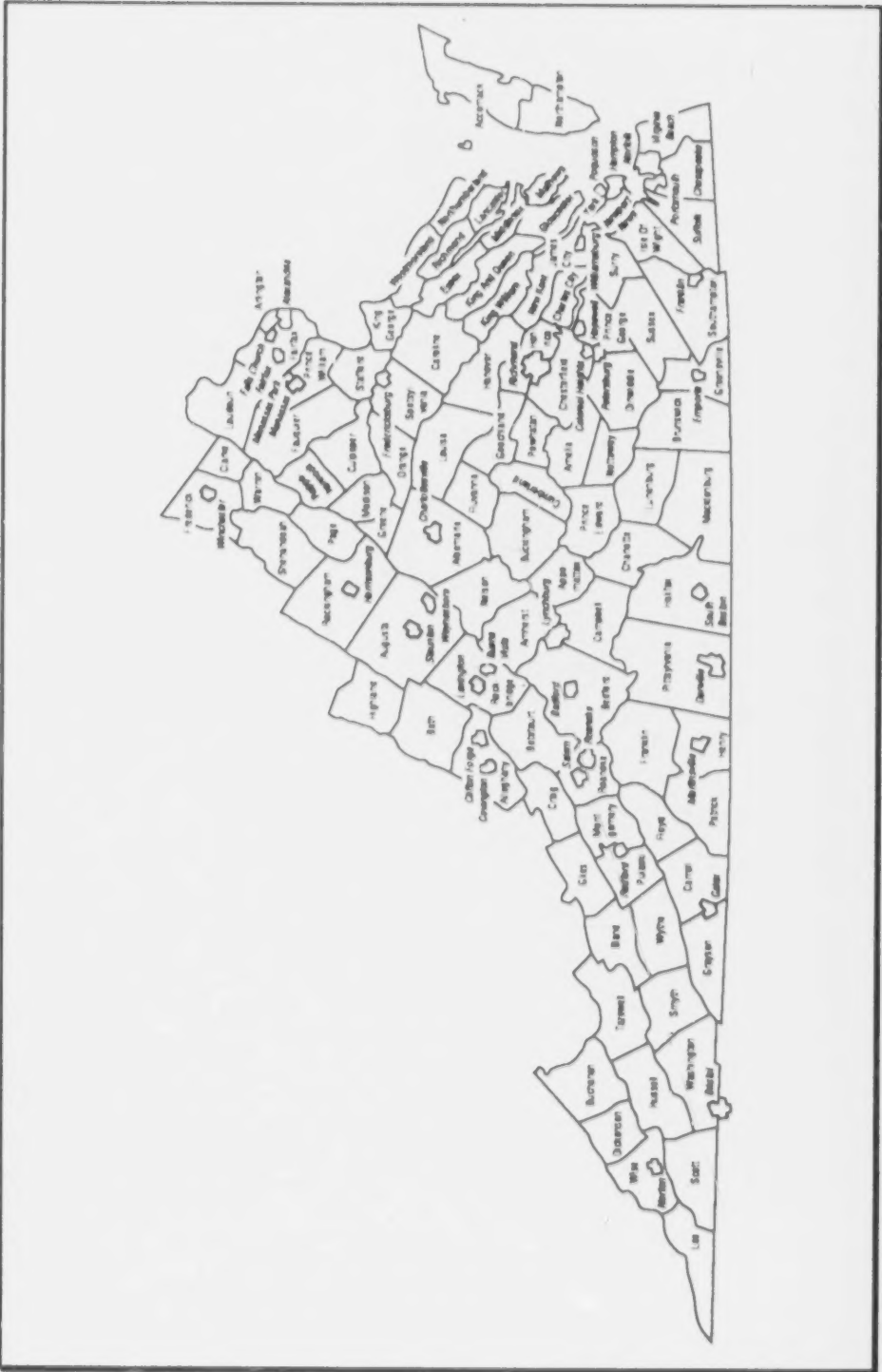




TABLE 16.1
Estimates of the Resident Population for the U.S.,
Virginia, and Surrounding States: 1985–1988

	Estimates				Change, 1980–1988	
	1988	1987	1986	1985	Number	Percent
United States	245,807	243,419	241,096	238,740	19,261	8.5%
Virginia	6,015	5,914	5,795	5,702	668	12.5
Delaware	660	648	633	622	66	11.1
District of Columbia	617	621	625	623	-21	-3.4
Florida	12,335	12,022	11,694	11,365	2,568	26.6
Georgia	6,342	6,227	6,100	5,975	879	16.1
Kentucky	3,727	3,723	3,726	3,729	66	1.8
Maryland	4,622	4,536	4,461	4,393	405	9.6
North Carolina	6,489	6,409	6,331	6,261	607	10.3
South Carolina	3,470	3,426	3,381	3,335	348	11.2
Tennessee	4,895	4,855	4,800	4,767	304	6.6
West Virginia	1,876	1,898	1,917	1,937	-73	-3.8

SOURCE: U.S. Department of Commerce, Bureau of the Census. Untitled press release (CB89-47) dated March 29, 1989. (Mimeographed).

NOTES: In thousands, except percent. Includes Armed Forces residing in each state. Estimates for 1985–88 as of July 1. Estimate for 1988 is provisional.

TABLE 16.2
Resident Population and Components of Change for the
U.S., Virginia, and Surrounding States: 1980–1988

	Population			Components of Change, 1980–88		
	July 1, 1988	April 1, 1980	Percent Change	Births	Deaths	Net Migration
United States	245,807	226,546	8.5%	30,594	16,920	5,587
Virginia	6,015	5,347	12.5	692	368	6.4
Delaware	660	594	11.1	78	44	31
District of Columbia	617	638	-3.4	80	57	-44
Florida	12,335	9,746	26.6	1,283	964	2,270
Georgia	6,342	5,463	16.1	781	390	488
Kentucky	3,727	3,661	1.8	449	282	-101
Maryland	4,622	4,217	9.6	547	296	155
North Carolina	6,489	5,882	10.3	724	428	311
South Carolina	3,470	3,122	11.2	427	221	142
Tennessee	4,895	4,591	6.6	553	352	103
West Virginia	1,876	1,950	-3.8	210	161	-122

SOURCE: U.S. Department of Commerce, Bureau of the Census. Untitled press release (CB89-47) dated March 29, 1989. (Mimeographed).

NOTES: In thousands, except percent change.
 "Population–July 1, 1988" is a provisional estimate.
 "Population–April 1, 1980" is from 1980 decennial census count.

TABLE 16.3

Population Estimates for Virginia's Counties and Cities: 1980-1987

	1987	1986	1985	1984	1983	1982	1981	1980
Virginia	5,903,700	5,794,700	5,702,000	5,635,500	5,555,900	5,485,200	5,430,600	5,346,812
Counties								
Accomack	32,300	31,500	31,200	31,100	31,000	31,100	31,000	31,268
Albemarle	61,700	60,200	59,500	59,300	58,000	57,500	56,500	55,783
Alleghany	13,500	13,800	13,900	13,700	13,700	13,800	14,200	14,333
Amelia	8,600	8,500	8,400	8,300	8,200	8,200	8,300	8,405
Amherst	29,000	28,900	29,000	29,000	28,900	29,100	29,100	29,122
Appomattox	12,400	12,300	12,300	12,300	12,200	12,100	12,000	11,971
Arlington	159,100	157,900	157,400	157,000	154,000	153,200	152,900	152,599
Augusta	50,400	51,600	50,800	54,400	54,000	53,900	54,100	47,572
Bath	5,000	5,200	5,400	5,400	5,500	5,200	5,400	5,860
Bedford	40,600	39,100	38,400	37,400	36,600	36,200	35,700	34,927
Bland	6,500	6,400	6,500	6,400	6,500	6,500	6,500	6,349
Botetourt	24,800	24,600	24,300	23,900	23,700	23,500	23,600	23,270
Brunswick	16,000	15,900	16,000	16,100	16,200	15,700	15,500	15,632
Buchanan	35,400	36,000	36,700	37,300	38,100	38,200	38,000	37,989
Buckingham	12,600	12,400	12,400	12,300	11,900	11,500	11,800	11,751
Campbell	47,000	46,800	46,700	46,300	45,900	45,900	45,700	45,424
Caroline	19,300	19,000	18,800	18,900	18,400	18,300	17,900	17,904
Carroll	27,400	27,500	27,900	28,000	28,300	28,000	27,400	27,270
Charles City	6,500	6,600	6,600	6,700	6,600	6,700	6,700	6,692
Charlotte	11,800	11,800	11,900	11,900	11,900	12,000	12,100	12,266
Chesterfield	179,100	170,700	164,600	159,200	154,900	152,400	148,700	141,372
Clarke	10,700	10,400	10,200	10,100	10,000	10,100	9,900	9,965
Craig	4,200	4,100	4,100	4,100	3,900	3,900	3,900	3,948
Culpeper	25,000	24,400	23,800	23,300	22,900	22,800	22,800	22,620
Cumberland	8,200	7,900	7,900	8,000	7,800	7,800	7,900	7,881
Dickenson	19,500	19,800	20,000	20,100	20,300	20,200	19,900	19,806
Dinwiddie	21,000	21,000	21,000	21,100	21,500	22,000	22,400	22,602
Essex	8,900	8,900	8,900	8,900	8,700	8,700	8,800	8,864
Fairfax	739,300	715,500	690,300	673,900	651,700	639,200	618,600	595,754
Fauquier	44,400	42,200	40,300	38,900	38,300	37,500	36,600	35,889
Floyd	11,900	11,700	11,700	11,700	11,600	11,700	11,800	11,563
Fluvanna	11,700	11,300	10,700	10,500	10,400	10,300	10,300	10,244
Franklin	40,200	39,700	38,900	38,200	36,500	36,000	35,900	35,740
Frederick	38,200	36,900	36,000	35,400	35,200	35,100	34,400	34,150
Giles	17,200	17,500	17,700	17,700	17,700	17,700	17,800	17,810
Gloucester	29,400	28,000	26,400	24,500	23,200	22,100	21,000	20,107
Goochland	13,000	12,700	12,600	12,500	12,200	12,100	11,900	11,761
Grayson	16,300	16,500	16,600	16,500	16,700	16,700	16,700	16,579
Greene	8,900	8,700	8,500	8,300	8,100	8,000	7,800	7,625
Greensville	10,200	10,400	10,600	10,600	10,800	10,800	11,000	10,903
Halifax	29,500	29,600	29,900	29,900	29,900	30,000	30,300	30,599
Hanover	56,400	54,300	53,100	52,200	51,400	51,200	51,100	50,398
Henrico	199,900	196,000	194,100	191,600	188,900	186,000	194,000	180,735
Henry	57,900	57,000	56,700	56,400	56,100	56,500	57,100	57,654
Highland	2,600	2,700	2,900	3,000	2,800	2,700	2,700	2,937
Isle of Wight	25,100	24,400	23,700	23,000	22,500	22,000	22,000	21,803
James City	27,200	26,100	25,500	25,100	24,500	23,800	23,700	22,339
King and Queen	6,300	6,300	6,200	6,100	5,900	5,900	5,900	5,968
King George	12,200	12,000	11,500	11,100	10,800	10,700	10,600	10,543
King William	10,300	10,200	10,000	9,800	9,800	9,600	9,500	9,334
Lancaster	11,100	10,900	10,900	10,700	10,400	10,300	10,200	10,129
Lee	26,200	26,300	26,600	26,600	26,700	26,400	26,200	25,956
Loudoun	71,500	67,600	64,500	62,300	60,400	59,200	58,400	57,427
Louisa	19,700	19,100	18,900	18,800	18,400	18,200	18,000	17,825
Lunenburg	12,200	12,200	12,100	12,200	12,100	12,200	12,200	12,124
Madison	10,900	10,700	10,600	10,600	10,300	10,200	10,200	10,232
Mathews	8,800	8,600	8,600	8,500	8,400	8,300	8,100	7,995

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TABLE 16.3
Population Estimates for Virginia's Counties
and Cities: 1980-1987, *CONTINUED*

	1987	1986	1985	1984	1983	1982	1981	1980
Mecklenburg	29,800	29,700	29,800	29,700	29,300	29,100	29,100	29,444
Middlesex	8,600	8,500	8,500	8,200	8,000	7,900	7,800	7,719
Montgomery	66,200	65,200	65,100	64,800	64,800	64,700	64,200	63,285
Nelson	12,600	12,400	12,400	12,400	12,200	12,300	12,300	12,204
New Kent	10,700	10,400	10,100	9,800	9,400	9,200	9,000	8,781
Northampton	14,500	14,400	14,200	14,300	14,400	14,400	14,500	14,625
Northumberland	10,100	10,100	10,000	9,900	9,800	9,900	9,900	9,828
Nottoway	15,000	14,900	15,000	14,300	14,300	14,400	14,500	14,666
Orange	20,300	19,800	19,300	18,900	18,600	18,600	18,200	18,063
Page	20,300	19,900	19,800	19,700	19,400	19,400	19,300	19,401
Patrick	17,700	17,600	17,700	17,700	17,500	17,600	17,500	17,647
Pittsylvania	65,100	65,500	66,200	66,300	66,400	66,300	66,400	66,147
Powhatan	13,500	13,300	13,100	13,400	13,400	13,100	13,100	13,062
Prince Edward	17,600	17,200	17,200	16,900	16,500	16,700	16,800	16,456
Prince George	26,000	26,100	25,700	26,100	25,900	25,700	26,700	25,733
Prince William	184,700	176,000	169,700	164,100	159,200	156,700	152,300	144,636
Pulaski	34,100	34,400	34,800	34,900	35,000	35,300	35,300	35,229
Rappahannock	6,400	6,300	6,200	6,100	6,000	5,900	6,000	6,093
Richmond	7,600	7,200	7,000	7,000	6,900	7,000	6,900	6,952
Roanoke	75,500	74,200	73,500	73,400	73,500	73,800	73,900	72,945
Rockbridge	18,900	17,700	17,700	17,900	17,900	17,800	18,000	17,724
Rockingham	55,100	54,000	53,500	53,100	52,900	52,800	52,900	52,054
Russell	31,800	32,200	32,400	32,500	32,700	32,400	32,000	31,761
Scott	25,200	25,400	25,600	25,500	25,600	25,400	25,000	25,068
Shenandoah	29,100	28,500	28,100	27,900	27,800	27,700	27,700	27,559
Smyth	33,000	33,000	33,200	33,300	33,400	33,300	33,400	33,366
Southampton	18,000	18,000	17,800	18,600	19,000	18,600	18,600	18,115
Spotsylvania	40,600	38,500	36,800	35,700	34,200	33,700	35,700	31,995
Stafford	53,200	50,900	49,000	47,100	45,400	44,100	42,100	40,470
Surry	6,400	6,400	6,200	6,300	6,100	6,100	6,100	6,046
Sussex	10,400	10,300	10,200	10,400	10,300	10,500	10,700	10,874
Tazewell	49,400	50,200	50,800	51,100	52,100	51,700	51,000	50,511
Warren	24,400	23,400	22,800	22,300	21,700	21,600	21,500	21,200
Washington	47,400	47,100	46,900	46,900	47,100	47,000	46,900	46,487
Westmoreland	14,900	14,600	14,300	14,200	14,000	14,000	14,100	14,041
Wise	43,900	44,500	45,100	45,000	45,000	44,500	44,000	43,863
Wythe	25,600	25,500	25,600	25,500	25,600	25,600	25,600	25,522
York	41,100	39,900	39,600	38,900	37,900	36,800	36,400	35,463
Cities								
Alexandria	107,900	108,300	108,500	107,600	105,300	104,500	105,200	103,217
Bedford	6,200	6,000	6,200	6,200	6,100	6,200	6,200	5,991
Bristol	18,000	18,100	18,100	18,200	18,700	18,800	18,700	19,042
Buena Vista	6,400	6,400	6,500	6,600	6,700	6,700	6,600	6,904
Charlottesville	41,100	41,100	41,000	40,700	40,600	40,400	40,300	39,916
Chesapeake	141,500	134,700	130,500	125,800	122,100	119,800	116,900	114,486
Clifton Forge	5,100	5,000	5,000	4,900	4,900	4,800	4,900	5,046
Colonial Heights	17,300	17,000	17,100	17,100	17,100	17,100	16,800	16,509
Covington	7,700	8,000	7,900	7,900	8,100	8,400	8,700	9,063
Danville	44,100	44,300	44,600	44,800	44,600	44,800	45,400	45,642
Emporia	4,600	4,700	4,700	4,800	4,800	4,900	4,900	4,840
Fairfax	20,400	20,400	20,400	20,500	20,600	20,400	20,700	20,537
Falls Church	9,800	9,700	9,500	9,500	9,500	9,400	9,500	9,515
Franklin	7,800	7,900	7,600	7,100	7,100	7,000	7,100	7,924
Fredericksburg	20,700	19,800	19,400	18,800	18,400	18,100	15,500	17,762
Galax	6,700	6,700	6,800	6,700	6,400	6,500	6,600	6,524
Hampton	128,000	126,200	125,300	125,900	126,100	125,000	123,700	122,617
Harrisonburg	27,200	26,400	26,400	26,000	25,400	25,500	25,200	24,655

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TABLE 16.3
Population Estimates for Virginia's Counties
and Cities: 1980-1987, CONTINUED

	1987	1986	1985	1984	1983	1982	1981	1980
Hopewell	24,200	24,300	24,300	24,000	24,100	24,100	23,800	23,997
Lexington	6,800	6,900	6,800	6,900	7,000	7,100	7,100	7,292
Lynchburg	66,700	67,300	68,300	67,300	67,300	67,400	67,200	66,743
Manassas	21,200	20,300	19,500	18,300	17,300	17,200	16,600	15,505
Manassas Park	7,200	7,100	7,000	6,700	6,300	6,400	6,500	6,524
Martinsville	18,100	18,300	18,500	18,400	18,300	18,200	18,200	18,149
Newport News	162,800	160,000	157,700	154,800	153,400	150,900	147,800	144,903
Norfolk	280,800	280,200	274,800	282,300	279,100	267,200	273,000	266,979
Norton	4,500	4,600	4,700	4,500	4,700	4,600	4,600	4,757
Petersburg	41,300	40,800	40,600	40,300	40,500	40,200	40,400	41,055
Poquoson	10,900	10,200	10,000	9,700	9,600	9,500	9,100	8,726
Portsmouth	110,100	109,400	110,500	109,300	106,800	105,900	104,400	104,577
Radford	13,700	13,600	13,500	13,400	13,300	13,100	13,500	13,456
Richmond	216,600	217,600	217,500	218,200	220,300	218,600	218,100	219,214
Roanoke	100,100	101,100	101,000	100,600	100,500	100,400	100,200	100,220
Salem	23,800	24,000	24,100	24,100	24,000	24,000	23,900	23,958
South Boston	7,000	7,100	7,300	7,200	7,100	7,100	7,100	7,093
Staunton	24,400	21,400	21,600	21,700	22,200	22,100	21,900	24,777
Suffolk	52,200	51,000	50,200	49,000	48,100	47,500	47,200	47,621
Virginia Beach	350,100	336,500	318,300	307,800	296,200	283,000	273,600	262,199
Waynesboro	18,100	18,400	18,400	15,100	15,100	15,100	15,200	18,563
Williamsburg	12,000	11,500	11,300	10,800	10,700	10,500	10,100	10,294
Winchester	22,100	21,100	20,800	20,600	20,500	20,200	20,300	20,217
MSAs								
Bristol (Va. portion)	90,600	90,600	90,600	90,600	91,400	91,200	90,600	90,597
Charlottesville	123,400	121,300	119,700	118,800	117,100	116,200	114,900	113,568
Danville	109,200	109,800	110,800	111,100	111,000	111,100	111,800	111,789
Lynchburg	142,700	143,000	144,000	142,600	142,100	142,400	142,000	141,289
Norfolk	1,346,100	1,313,700	1,280,100	1,263,900	1,237,700	1,202,000	1,186,900	1,160,311
Northern Virginia	1,374,300	1,333,700	1,295,800	1,267,000	1,229,700	1,210,300	1,182,800	1,146,184
Richmond	825,500	810,800	800,400	792,200	786,200	778,400	772,700	761,311
Roanoke	224,100	223,900	222,900	222,000	221,700	221,700	221,600	220,393
Planning Districts								
LENOWISCO	99,800	100,800	102,000	101,600	102,000	100,900	99,800	99,644
Cumberland Plateau	136,100	138,200	139,900	141,000	143,200	142,500	140,900	140,067
Mount Rogers	180,300	180,800	181,600	181,500	182,700	182,400	181,800	181,139
New River Valley	143,100	142,400	142,800	142,500	142,400	142,500	142,600	141,343
Fifth	254,600	254,800	253,800	252,600	252,300	252,600	253,300	252,783
Central Shenandoah	214,000	210,700	210,000	210,100	209,500	208,900	209,100	208,338
Lord Fairfax	144,800	140,200	137,700	136,000	134,600	134,100	133,100	132,492
Northern Virginia	1,321,100	1,282,800	1,246,800	1,219,900	1,184,300	1,166,200	1,140,700	1,105,714
Rappahannock-								
Rapidan	107,000	103,400	100,200	97,800	96,100	95,000	93,800	92,897
Thomas Jefferson	155,700	152,800	151,000	150,000	147,700	146,700	145,200	143,597
Central Virginia	201,900	200,400	200,900	198,500	197,000	196,900	195,900	194,178
West Piedmont	243,100	242,400	242,600	241,800	239,400	239,400	240,500	240,979
Southside	82,300	82,300	83,000	82,900	82,500	81,900	82,000	82,768
Piedmont	86,000	84,900	84,900	83,900	82,700	82,800	83,600	83,549
Richmond Regional	695,700	681,600	671,700	663,600	657,100	649,300	642,600	632,015
RADCO	146,000	140,200	135,500	131,600	127,200	124,900	121,800	118,674
Northern Neck	43,700	42,800	42,200	41,800	41,100	41,200	41,100	40,950

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TABLE 16.3
Population Estimates for Virginia's Counties
and Cities: 1980–1987, *CONTINUED*

	1967	1986	1985	1984	1983	1982	1981	1980
Middle Peninsula	72,300	70,500	68,600	66,000	64,000	62,500	61,100	59,987
Crater	161,400	161,000	160,400	160,700	161,100	161,400	162,800	161,959
Southeastern Virginia	985,600	962,100	933,400	922,900	900,900	871,000	862,800	843,504
Peninsula	382,000	373,900	369,400	365,200	362,200	356,500	350,800	344,342
Accomack								
Northampton	46,800	45,900	45,400	45,400	45,400	45,500	45,500	45,893

SOURCE: Martin, Julia H. *Estimates of the Population of Virginia Counties and Cities: 1986 and 1987*, Center for Public Service, University of Virginia, Charlottesville, Virginia, annual.

NOTES Data for 1980 are decennial census population counts, as of April 1. Estimates are for July 1. Data for 1987 are provisional.
 A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
 A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 16.4
Population Estimates for Virginia Towns: 1980–1986

County/Town	July 1, 1986	July 1, 1984	July 1, 1982	April 1, 1980
Accomack County				
Accomack	550	515	516	522
Belle Haven (part)	480	485	455	462
Bloxom	380	377	395	407
Chincoteague	1,520	1,563	1,552	1,607
Hallwood	210	227	214	243
Keller	250	248	232	236
Melfa	360	377	383	391
Onancock	1,290	1,328	1,348	1,461
Onley	510	508	505	526
Painter	340	325	324	321
Parksley	960	971	987	979
Saxis	430	417	416	415
Tangier	700	722	751	771
Wachapreague	360	364	364	404
Albemarle County				
Scottsville (part)	220	219	228	223
Alleghany County				
Iron Gate	550	557	552	620
Amherst County				
Amherst	1,140	1,143	1,158	1,135
Appomattox County				
Appomattox	1,470	1,424	1,378	1,345
Pamplin City (part)	220	200	215	237
Augusta County				
Craigsville	800	834	833	845
Grottoes (part)	8	8	8	7
Botetourt County				
Buchanan	1,090	1,136	1,169	1,205
Fincastle	340	340	304	282
Troutville	540	501	513	496
Brunswick County				
Alberta	400	401	409	394
Brodnax (part)	370	370	375	399
Lawrenceville	1,450	1,490	1,473	1,484

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TABLE 16.4

Population Estimates for Virginia Towns: 1980-1986, *CONTINUED*

County/Town	July 1, 1986	July 1, 1984	July 1, 1982	April 1, 1980
Buchanan County				
Grundy	1,720	1,745	1,639	1,699
Buckingham County				
Dillwyn	580	574	575	596
Campbell County				
Altavista	3,850	3,879	3,833	3,849
Brookneal	1,580	1,472	1,414	1,454
Caroline County				
Bowling Green	710	656	665	665
Port Royal	340	333	325	291
Carroll County				
Hillsville	2,230	2,229	2,118	2,123
Charlotte County				
Charlotte Court House	550	550	559	568
Drakes Branch	560	605	603	617
Keysville	670	704	696	704
Phoenix	270	249	249	250
Clarke County				
Berryville	1,630	1,649	1,678	1,752
Boyce	400	363	369	401
Craig County				
New Castle	180	192	204	213
Culpeper County				
Culpeper	7,000	6,825	6,725	6,621
Cumberland County				
Farmville (part)	380	394	370	388
Dickenson County				
Clintwood	1,390	1,371	1,346	1,369
Haysi	400	379	382	371
Dinwiddie County				
McKenney	380	414	444	473
Essex County				
Tappahannock	1,890	1,818	1,794	1,821
Fairfax County				
Clifton	210	190	183	170
Herndon	16,780	14,539	12,865	11,449
Occoquan (part)				
Vienna	17,160	17,051	16,258	15,469
Fauquier County				
Remington	420	429	425	425
The Plains	390	398	347	382
Warrenton	5,110	4,595	4,262	3,907
Floyd County				
Floyd	420	415	443	411
Fluvanna County				
Columbia	100	98	108	111
Scottsville (part)	30	32	30	27
Franklin County				
Boones Mill	360	342	352	344
Rocky Mount	4,180	4,231	4,223	4,198
Frederick County				
Middletown	990	929	863	841
Stephens City	1,530	1,451	1,333	1,179
Giles County				
Glen Lyn	260	264	260	235
Narrows	2,200	2,322	2,431	2,516
Pearisburg	2,210	2,194	2,165	2,128
Pembroke	1,290	1,348	1,265	1,302
Rich Creek	790	754	696	746
Grayson County				
Fries	700	731	743	758
Independance	1,120	1,116	1,112	1,112
Troutdale	220	243	242	248
Greene County				
Stanardsville	310	297	299	284
Greensville County				
Jarratt (part)	450	452	446	449

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TABLE 16.4
Population Estimates for Virginia Towns: 1980–1986, *CONTINUED*

County/Town	July 1, 1986	July 1, 1984	July 1, 1982	April 1, 1980
Halifax County				
Clover	190	209	205	215
Halifax	782	767	767	772
Scottsburg	320	321	327	335
Virgilina	180	179	183	212
Hanover County				
Ashland	4,510	4,417	4,551	4,640
Henry County				
Ridgeway	910	884	853	858
Highland County				
Monterey	240	259	219	247
Isle of Wight County				
Smithfield	4,180	4,115	3,878	3,718
Windsor	1,270	1,064	1,000	985
King William County				
West Point	2,760	2,843	2,804	2,726
Lancaster County				
Irvington	770	659	598	567
Kilmarnock (part)	970	887	894	896
White Stone	420	388	383	409
Lee County				
Jonesville	930	957	873	874
Pennington Gap	1,650	1,801	1,760	1,716
St. Charles	240	225	245	241
Loudoun County				
Hamilton	850	754	679	598
Hillsboro	120	114	114	115
Leesburg	10,810	10,220	8,557	8,357
Lovettsville	790	662	633	613
Middleburg	700	688	610	619
Purcellville	1,610	1,656	1,583	1,567
Round Hill	510	551	521	510
Louisa County				
Louisa	1,010	982	1,001	932
Mineral	400	391	400	399
Lunenburg County				
Kenbridge	1,440	1,466	1,514	1,532
Victoria	1,970	1,945	1,977	2,004
Madison County				
Madison	320	292	263	267
Mecklenburg County				
Boydton	450	440	508	486
Brodnax (part)	80	85	83	93
Chase City	3,180	3,020	2,723	2,749
Clarksville	1,470	1,556	1,455	1,468
La Crosse	700	713	712	734
South Hill	4,420	4,447	4,298	4,347
Middlesex County				
Urbanna	590	575	520	518
Montgomery County				
Blacksburg	30,380	30,434	30,596	30,638
Christiansburg	12,170	11,657	11,016	10,345
Northampton County				
Belle Haven (part)	130	118	112	127
Cape Charles	1,390	1,426	1,460	1,512
Cheriton	790	738	667	695
Eastville	200	202	214	238
Exmore	1,370	1,412	1,343	1,300
Nassawadox	670	624	668	630
Northumberland County				
Kilmarnock (part)	50	52	49	49
Nottoway County				
Blackstone	3,380	3,435	3,506	3,624
Burkeville	680	662	606	606
Crewe	2,360	2,302	2,290	2,325

CONTINUED ➡

TABLE 16.4

Population Estimates for Virginia Towns: 1980-1986, *CONTINUED*

County/Town	July 1, 1986	July 1, 1984	July 1, 1982	April 1, 1980
Orange County				
Gordonsville	1,480	1,464	1,456	1,421
Orange	2,650	2,721	2,723	2,631
Page County				
Luray	3,400	3,427	3,447	3,584
Shenandoah	1,840	1,780	1,798	1,861
Stanley	1,260	1,252	1,185	1,204
Patrick County				
Stuart	1,150	1,148	1,184	1,131
Pittsylvania County				
Chatham	1,210	1,297	1,340	1,390
Gretna	1,230	1,216	1,238	1,255
Hunt	1,510	1,462	1,428	1,481
Prince Edward County				
Farmville (part)	5,930	5,824	5,968	5,679
Pamplin City (part)	50	40	37	36
Prince William County				
Dumfries	4,400	3,994	3,488	3,214
Haymarket	300	285	273	230
Occoquan (part)	300	285	250	241
Quantico	630	586	631	621
Pulaski County				
Dublin	2,470	2,501	2,371	2,368
Pulaski	9,430	9,570	9,899	10,106
Rappahannock County				
Washington	240	230	232	247
Richmond County				
Warsaw	870	791	797	771
Roanoke County				
Vinton	7,990	7,935	8,013	8,027
Rockbridge County				
Glasgow	1,320	1,315	1,243	1,259
Goshen	120	110	120	134
Rockingham County				
Bridgewater	3,320	2,978	3,190	3,289
Broadway	1,340	1,241	1,236	1,234
Dayton	1,030	1,031	947	1,017
Ekton	1,460	1,443	1,484	1,520
Groffoes (part)	1,480	1,393	1,317	1,362
Mount Crawford	310	270	288	315
Timberville	1,800	1,765	1,703	1,510
Russell County				
Cleveland	350	377	384	360
Honaker	1,570	1,593	1,505	1,475
Lebanon	3,250	3,338	3,314	3,206
St. Paul (part)	140	145	154	168
Scott County				
Clinchport	80	85	79	89
Duffield	190	184	164	148
Dungannon	380	355	337	339
Gate City	2,570	2,486	2,532	2,494
Nickelsville	480	470	461	464
Weber City	1,620	1,633	1,625	1,543
Shenandoah County				
Edinburg	790	750	742	752
Mount Jackson	1,560	1,557	1,501	1,419
New Market	1,270	1,263	1,167	1,118
Strasburg	2,380	2,442	2,366	2,311
Toms Brook	260	254	243	226
Woodstock	2,840	2,657	2,651	2,627
Smyth County				
Chilhowie	1,260	1,171	1,227	1,265
Marion	7,120	7,321	7,236	7,284
Saltville (part)	2,060	2,132	2,093	2,073
Southampton County				
Boykins	760	731	753	791
Branchville	150	171	171	174

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TABLE 16.4
Population Estimates for Virginia Towns: 1980–1986, *CONTINUED*

County/Town	July 1, 1986	July 1, 1984	July 1, 1982	April 1, 1980
Capron	200	207	194	238
Courtland	940	922	932	976
Ivor	400	429	402	403
Newsoms	370	421	375	368
Surry County				
Claremont	330	348	343	380
Dendron	320	353	340	307
Surry	210	216	227	237
Sussex County				
Jarratt (part)	150	148	143	165
Stony Creek	290	295	293	329
Wakefield	1,360	1,344	1,324	1,355
Waverly	2,100	2,185	2,241	2,284
Tazewell County				
Bluefield	5,840	5,845	5,912	5,946
Cedar Bluff	1,640	1,603	1,565	1,550
Pocahontas	540	595	609	708
Richlands	5,850	5,979	6,063	5,796
Tazewell	4,820	4,685	4,655	4,468
Warren County				
Front Royal	12,100	11,535	11,203	11,126
Washington County				
Abingdon	4,530	4,476	4,268	4,318
Damascus	1,390	1,323	1,320	1,330
Glade Spring	1,760	1,703	1,686	1,722
Saltville (part)	280	285	313	303
Westmoreland County				
Colonial Beach	2,970	2,877	2,670	2,474
Montross	440	418	423	456
Wise County				
Appalachia	2,360	2,401	2,390	2,418
Big Stone Gap	4,780	4,903	4,726	4,748
Coeburn	2,750	2,717	2,656	2,625
Pound	1,090	1,152	1,084	1,086
St. Paul (part)	850	789	826	805
Wise	4,200	4,281	3,984	3,894
Wythe County				
Rural Retreat	1,110	1,101	1,064	1,083
Wytheville	7,280	7,061	7,096	7,135
Multi-County Places				
Belle Haven	610	603	567	589
Brodnax	450	455	458	492
Farmville	6,310	6,218	6,338	6,067
Grottoes	1,490	1,401	1,325	1,369
Jarratt	600	600	589	614
Kilmarnock	1,020	939	943	945
Occoquan	300	285	250	241
Pamplin City	270	240	252	273
St. Paul	990	934	980	973
Saltville	2,350	2,417	2,406	2,376
Scottsville	250	251	258	250

SOURCES: U.S. Department of Commerce, Bureau of the Census, Current Population Reports, Series P-26. *Virginia: 1982 Population Estimates and 1981 Per Capita Income Estimates for Counties and Incorporated Places.* U.S. Government Printing Office, Washington, D.C., 1984; U.S. Department of Commerce, Bureau of the Census, Current Population Reports, Series P-26. *South: 1984 Population and 1983 Per Capita Income Estimates for Counties and Incorporated Places.* U.S. Government Printing Office, Washington, D.C., 1986; U.S. Department of Commerce, Bureau of the Census, Current Population Reports, Series P-26. *South: 1986 Population and 1985 Per Capita Income Estimates for Counties and Incorporated Places.* U.S. Government Printing Office, Washington, D.C., 1988.

TABLE 16.5**Estimates of the Resident Population by Age for the U.S., Virginia, and Surrounding States: 1988**

	Resident Population	Under 5 Years	5 to 17 Years	18 to 24 Years	25 to 44 Years	45 to 64 Years	65 Years & Over
United States	245,807	18,456	45,389	26,664	78,939	45,993	30,367
Virginia	6,015	430	1,040	708	2,045	1,153	640
Delaware	660	48	118	75	211	131	77
District of Columbia	617	47	91	65	220	118	77
Florida	12,335	848	1,947	1,190	3,548	2,601	2,201
Georgia	6,342	496	1,280	732	2,055	1,142	637
Kentucky	3,727	253	728	423	1,176	683	463
Maryland	4,622	346	801	524	1,543	912	498
North Carolina	6,489	449	1,187	746	2,084	1,249	775
South Carolina	3,470	259	690	408	1,116	619	379
Tennessee	4,895	332	921	536	1,558	937	612
West Virginia	1,876	113	364	202	577	352	268

SOURCE: U.S. Department of Commerce, Bureau of the Census. Commerce News. Press release CB89-72, May 4, 1989.

NOTE: As of July 1, 1988. In thousands. Includes Armed Forces residing in each state.

TABLE 16.6**Percent Change in the Resident Population by Age for the U.S., Virginia, and Surrounding States: 1980-1986**

	Resident Population	Under 5 Years	5 to 17 Years	18 to 24 Years	25 to 44 Years	45 to 64 Years	65 Years & Over
United States	6.4%	10.9%	-4.8%	-7.6%	20.9%	1.2%	14.2%
Virginia	8.2	13.1	-7.5	-3.4	21.4	5.8	19.9
Delaware	6.5	9.0	-8.4	-7.0	21.3	2.6	22.3
District of Columbia	-1.9	34.2	-16.2	-27.1	13.0	-6.5	3.1
Florida	19.8	37.1	3.3	5.9	34.9	16.7	22.7
Georgia	11.7	12.8	1.1	1.6	23.8	9.6	17.7
Kentucky	1.9	-0.8	-6.9	-8.9	15.5	-0.9	9.5
Maryland	5.8	18.6	-11.9	-2.3	17.1	2.8	19.6
North Carolina	7.7	6.8	-5.0	-6.7	21.4	5.2	21.1
South Carolina	8.2	7.0	-3.0	-5.1	22.3	3.6	23.6
Tennessee	4.6	0.4	-5.1	-8.0	17.1	1.9	13.9
West Virginia	-1.6	-16.1	-7.8	-11.9	12.3	-8.2	9.8

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Reports, Series P-25, *State Population and Household Estimates, With Age, Sex, and Components of Change: 1981-86*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: As of July 1, 1986. Includes Armed Forces residing in each state.



TABLE 16.7
Population by Age and Sex, Virginia: 1960–1980

Age Group	1980		1970		1960	
	Male	Female	Male	Female	Male	Female
Under 5	184,738	175,948	199,585	192,508	232,302	225,958
5 to 9	198,256	189,268	232,508	224,450	214,330	208,259
10 to 14	219,464	211,587	241,202	233,080	196,572	191,246
15 to 19	259,129	246,545	225,034	215,838	167,614	156,793
20 to 24	272,928	258,040	231,510	208,308	152,056	132,702
25 to 29	236,875	241,037	167,638	167,407	128,171	128,956
30 to 34	221,884	228,068	139,365	141,037	135,546	138,948
35 to 39	181,620	184,490	132,886	136,410	142,589	148,325
40 to 44	147,602	149,173	137,317	143,349	130,717	130,154
45 to 49	133,359	138,201	136,877	145,608	116,628	115,838
50 to 54	132,543	141,804	121,814	126,089	95,860	97,483
55 to 59	126,807	141,082	101,895	108,725	78,651	83,022
60 to 64	103,377	117,689	80,366	91,667	60,708	68,552
65 to 69	81,048	101,927	58,914	75,226	50,702	59,496
70 to 74	55,486	79,835	40,940	58,074	36,044	44,936
75 to 79	33,751	57,725	26,138	40,549	23,004	30,039
80 to 84	17,830	36,571	13,951	25,484	11,343	16,709
85+	11,613	29,518	9,181	17,564	6,535	10,162
Total	2,618,310	2,728,508	2,297,121	2,351,373	1,979,372	1,987,577
Median Age	28.6	30.9	25.6	28.0	26.0	28.1

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population, *General Population Characteristics, Virginia*. U.S. Government Printing Office, Washington, D.C., 1982.

TABLE 16.8A
Population by Age for Virginia's Counties and Cities: 1980

	Under 5 Years	5–9	10–14	15–19	20–24	25–29
Virginia	360,686	387,524	431,051	505,674	530,968	477,912
Counties						
Accomack	2,046	2,124	2,490	2,661	2,292	2,185
Albemarle	3,370	3,241	4,033	7,377	7,100	5,865
Alleghany	963	1,126	1,337	1,367	1,008	1,060
Amelia	581	640	704	838	669	588
Amherst	1,841	2,112	2,386	2,903	2,623	2,447
Appomattox	831	991	968	1,125	944	821
Arlington	6,889	6,201	6,981	8,768	17,357	20,757
Augusta	3,387	3,978	4,400	5,116	4,260	4,320
Bath	337	394	474	503	473	443
Bedford	2,374	2,683	2,899	3,082	2,497	2,891
Bland	389	454	507	498	552	625
Botetourt	1,433	1,801	1,980	2,047	1,626	1,697
Brunswick	1,045	1,203	1,306	1,685	1,405	1,134
Buchanan	3,382	3,605	3,728	3,985	3,633	3,267
Buckingham	756	900	1,122	1,200	908	830
Campbell	3,190	3,780	4,079	4,257	3,756	3,609
Caroline	1,339	1,452	1,698	1,740	1,594	1,405
Carroll	1,654	1,993	2,283	2,324	1,939	2,166
Charles City	484	497	625	805	613	570
Charlotte	814	955	1,156	1,165	896	818

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TABLE 16.8A

Population by Age for Virginia's Counties and Cities: 1980, *CONTINUED*

	Under 5 Years	5-9	10-14	15-19	20-24	25-29
Chesterfield	10,684	12,655	13,629	13,709	11,138	12,763
Clarke	593	669	893	804	630	807
Craig	240	288	303	338	290	324
Culpeper	1,606	1,725	2,016	2,007	1,753	1,737
Cumberland	522	647	828	797	540	486
Dickenson	1,648	1,799	1,799	1,937	1,726	1,643
Dinwiddie	1,253	1,539	2,082	2,553	1,938	1,678
Essex	568	592	779	831	625	687
Fairfax	38,326	45,307	54,936	54,754	47,646	52,996
Fauquier	2,527	2,730	3,277	3,498	2,832	2,809
Floyd	731	767	911	963	865	866
Fluvanna	735	709	936	1,027	798	842
Franklin	2,284	2,511	2,964	3,916	3,121	2,790
Frederick	2,483	2,744	3,168	3,288	2,618	2,787
Giles	1,118	1,327	1,547	1,597	1,269	1,285
Gloucester	1,329	1,468	1,634	1,783	1,522	1,540
Goochland	687	819	955	1,114	962	1,025
Grayson	978	1,203	1,259	1,493	1,221	1,208
Greene	624	569	656	707	577	730
Greensville	847	951	1,137	1,069	882	792
Halifax	2,062	2,254	2,618	2,917	2,420	2,267
Hanover	3,158	3,683	4,489	5,243	3,814	3,532
Henrico	11,091	12,599	13,786	14,865	16,620	17,311
Henry	3,781	4,469	5,218	5,671	4,789	4,473
Highland	212	165	183	214	261	242
Isle of Wight	1,526	1,624	1,857	2,210	1,760	1,768
James City	1,474	1,672	1,916	2,110	2,051	1,865
King and Queen	434	411	468	515	460	481
King George	832	902	1,038	1,004	743	858
King William	652	707	844	891	650	789
Lancaster	540	565	665	803	657	613
Lee	1,935	2,240	2,270	2,217	1,971	1,943
Loudoun	4,261	5,137	5,828	5,319	3,809	4,810
Louisa	1,233	1,300	1,497	1,845	1,363	1,320
Lunenburg	784	864	1,058	1,172	856	844
Madison	685	717	877	982	731	700
Mathews	376	453	557	651	500	446
Mecklenburg	1,994	2,108	2,377	2,591	2,272	2,243
Middlesex	410	404	545	680	472	489
Montgomery	3,102	3,657	3,841	9,399	14,686	5,728
Nelson	750	857	983	1,160	841	872
New Kent	623	698	735	765	699	813
Northampton	1,015	984	1,124	1,354	1,201	1,045
Northumberland	512	539	636	798	663	588
Nottoway	958	995	1,160	1,262	1,097	999
Orange	1,174	1,307	1,539	1,667	1,324	1,342
Page	1,324	1,374	1,565	1,744	1,410	1,482
Patrick	1,074	1,377	1,498	1,493	1,238	1,220
Pittsylvania	4,423	4,997	5,603	6,548	5,572	5,357
Powhatan	797	950	1,157	1,417	1,053	1,358
Prince Edward	1,000	1,050	1,150	2,382	2,418	1,021
Prince George	1,940	2,120	2,185	3,530	3,427	2,623
Prince William	13,466	14,541	15,284	14,130	12,470	13,564
Pulaski	2,260	2,959	3,105	2,933	2,741	2,806
Rappahannock	361	406	499	535	418	494
Richmond	434	419	555	661	523	489
Roanoke	3,988	5,556	6,305	6,473	5,451	5,667
Rockbridge	1,098	1,197	1,427	1,709	1,459	1,375
Rockingham	3,951	3,923	4,362	5,767	6,050	4,892
Russell	2,358	2,659	2,725	2,884	2,788	2,852

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TABLE 16.8A
Population by Age for Virginia's Counties and Cities: 1980, *CONTINUED*

	Under 5 Years	5-9	10-14	15-19	20-24	25-29
Scott	1,566	1,852	2,114	2,140	1,899	1,778
Shenandoah	1,639	1,855	2,157	2,386	2,045	2,116
Smyth	2,098	2,488	2,659	3,022	2,592	2,467
Southampton	1,175	1,248	1,462	2,095	1,945	1,475
Spotsylvania	3,112	3,399	3,456	3,092	2,462	3,194
Stafford	3,226	3,656	4,019	3,925	3,505	3,295
Surry	419	444	548	641	503	456
Sussex	634	802	1,093	1,121	867	841
Tazewell	3,958	4,387	4,221	4,414	4,339	4,300
Warren	1,359	1,570	1,707	1,911	1,567	1,667
Washington	3,013	3,550	3,903	4,368	3,849	3,556
Westmoreland	868	945	1,178	1,285	972	919
Wise	3,584	3,751	3,731	4,042	4,060	3,873
Wythe	1,703	1,940	2,238	2,151	1,937	2,020
York	2,316	3,099	3,638	3,934	2,952	2,524
Cities						
Alexandria	5,486	4,775	5,112	6,054	11,295	14,975
Bedford	352	308	367	440	460	434
Bristol	1,039	1,208	1,446	1,768	1,671	1,311
Buena Vista	424	511	595	714	522	488
Charlottesville	2,129	1,873	2,142	3,481	8,348	4,383
Chesapeake	9,189	9,545	10,474	11,472	10,217	9,632
Clifton Forge	306	298	358	420	346	325
Colonial Heights	873	1,217	1,346	1,609	1,255	1,024
Covington	493	555	706	775	717	651
Danville	2,633	2,910	3,203	3,812	3,994	3,436
Empona	301	324	356	394	364	329
Fairfax	1,129	1,210	1,457	1,945	2,167	1,928
Falls Church	449	450	497	642	725	924
Franklin	506	531	614	735	629	559
Fredericksburg	760	817	922	1,764	2,199	1,255
Galax	350	411	436	476	518	465
Hampton	8,947	9,151	10,077	13,268	14,072	10,784
Harrisonburg	799	857	860	3,284	4,828	1,408
Hopewell	1,772	1,703	1,947	2,138	2,239	1,932
Lexington	262	280	332	1,330	1,691	419
Lynchburg	4,099	4,282	4,658	6,750	7,334	5,391
Manassas	1,547	1,354	1,340	1,281	1,433	1,770
Manassas Park	730	651	674	670	707	693
Martinsville	1,046	1,122	1,388	1,583	1,375	1,296
Newport News	11,479	10,917	11,062	13,768	17,114	14,404
Norfolk	20,604	16,976	16,287	27,976	48,521	27,050
Norton	346	358	415	448	384	367
Petersburg	2,887	2,718	3,452	3,878	3,985	3,523
Poquoson	550	733	900	960	555	511
Portsmouth	8,552	7,815	7,067	9,499	10,604	9,346
Radford	498	679	755	2,299	2,992	812
Richmond	13,258	12,281	13,825	18,605	25,908	24,017
Roanoke	6,365	6,643	6,844	7,670	8,910	9,221
Salem	1,224	1,409	1,687	2,250	2,353	1,948
South Boston	450	524	571	549	485	516
Staunton	1,161	1,245	1,367	2,016	1,991	1,641
Suffolk	3,376	3,704	4,042	4,660	3,752	3,490
Virginia Beach	20,316	21,858	23,265	26,434	29,450	26,319
Waynesboro	948	999	1,157	1,384	1,260	1,159
Williamsburg	218	213	235	2,066	3,196	794
Winchester	1,227	1,135	1,345	1,738	2,082	1,627

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TABLE 16.8A

Population by Age for Virginia's Counties and Cities: 1980, *CONTINUED*

	Under 5 Years	5-9	10-14	15-19	20-24	25-29
MSAs						
Bristol (Va. portion)	5,618	6,610	7,463	8,276	7,419	6,645
Charlottesville	6,858	6,392	7,767	12,592	16,823	11,820
Danville	7,056	7,907	8,806	10,360	9,566	8,793
Lynchburg	9,130	10,174	11,123	13,910	13,713	11,447
Norfolk	88,350	87,151	91,497	117,930	144,006	106,259
Northern Virginia	75,509	63,282	96,128	97,488	101,114	115,712
Richmond	49,507	53,479	60,263	70,231	73,651	72,169
Roanoke	13,010	15,409	16,816	18,440	18,340	18,533
Planning Districts						
LENOWISCO	7,431	8,201	8,530	8,847	8,314	7,961
Cumberland Plateau	11,346	12,450	12,473	13,220	12,486	12,062
Mount Rogers	11,224	13,247	14,731	16,100	14,279	13,818
New River Valley	7,709	9,389	10,159	17,191	22,553	11,497
Fifth	15,012	17,676	19,520	21,340	20,701	20,893
Central Shenandoah	12,579	13,549	15,157	22,037	22,795	18,387
Lord Fairfax	8,625	9,347	10,835	11,871	10,352	10,486
Northern Virginia	72,283	79,626	92,109	93,563	97,609	112,417
Rappahannock-Rapidan	6,353	6,885	8,208	8,689	7,058	7,082
Thomas Jefferson	8,841	8,549	10,247	15,597	19,027	14,012
Central Virginia	12,687	14,156	15,357	18,557	17,614	15,593
West Piedmont	15,241	17,386	19,874	23,023	20,089	18,572
Southside	5,551	6,089	6,872	7,742	6,582	6,160
Piedmont	5,415	6,051	7,178	8,816	7,384	5,586
Richmond Regional	40,782	44,182	49,251	56,523	60,807	61,389
RADCO	9,269	10,226	11,133	11,525	10,503	10,007
Northern Neck	2,354	2,468	3,034	3,547	2,815	2,609
Middle Peninsula	3,769	4,035	4,827	5,351	4,229	4,432
Crater	10,926	11,818	14,146	16,933	15,460	13,198
Southeastern Virginia	65,244	63,301	65,968	85,081	106,878	79,639
Peninsula	24,984	25,785	27,828	36,106	39,940	30,882
Accomack-Norhampton	3,061	3,108	3,614	4,015	3,493	3,230

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population, *General Population Characteristics Virginia*. U.S. Government Printing Office, Washington, D.C., 1982.

NOTES: A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 16.8B

Population by Age for Virginia's Counties and Cities: 1980, *Continued*

	30-34	35-39	40-44	45-49	50-54	55-59
Virginia	449,952	366,110	296,775	271,560	274,347	267,889
Counties						
Accomack	1,889	1,644	1,512	1,623	1,835	1,917
Albemarle	4,602	3,600	2,975	2,554	2,518	2,345
Alleghany	1,130	1,050	866	743	755	740
Amelia	619	575	489	424	441	414
Amherst	2,395	1,950	1,756	1,544	1,518	1,377

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TABLE 16.8B

Population by Age for Virginia's Counties and Cities: 1980, *CONTINUED*

	30-34	35-39	40-44	45-49	50-54	55-59
Appomattox	852	832	682	650	591	616
Arlington	17,276	11,331	7,938	7,078	7,558	8,751
Augusta	4,343	3,881	3,237	2,860	3,012	2,735
Bath	457	396	373	349	315	287
Bedford	2,964	2,501	1,997	1,905	1,763	1,731
Bland	555	391	348	306	377	309
Botetourt	2,061	1,732	1,416	1,347	1,381	1,253
Brunswick	986	787	701	793	885	870
Buchanan	3,096	2,514	2,193	1,784	1,673	1,386
Buckingham	814	609	615	562	595	610
Campbell	3,771	3,298	2,851	2,625	2,271	2,210
Caroline	1,336	1,186	908	858	932	901
Carroll	1,933	1,721	1,513	1,585	1,601	1,456
Charles City	523	435	334	366	352	298
Charlotte	729	693	600	665	706	726
Chesterfield	15,280	12,558	8,989	7,478	6,660	5,525
Clarke	820	657	551	554	598	508
Craig	309	251	228	222	218	218
Culpeper	1,777	1,455	1,239	1,187	1,095	1,093
Cumberland	553	486	427	379	361	419
Dickenson	1,470	1,218	1,088	951	956	873
Dinwiddie	1,704	1,525	1,391	1,174	1,126	1,225
Essex	636	494	465	428	487	430
Fairfax	59,195	54,125	43,912	37,053	33,098	29,513
Fauquier	2,887	2,795	2,243	1,967	1,889	1,667
Floyd	824	754	676	539	595	651
Fluvanna	780	635	550	513	522	514
Franklin	2,796	2,449	1,977	1,870	1,829	1,791
Frederick	2,994	2,556	2,111	1,939	1,723	1,665
Giles	1,348	1,170	907	910	1,041	1,128
Gloucester	1,589	1,498	1,181	1,014	1,096	1,096
Goochland	955	880	662	710	664	580
Grayson	1,174	1,033	922	916	950	924
Greene	767	563	426	359	348	319
Greensville	762	626	490	549	573	585
Halifax	2,164	1,805	1,672	1,520	1,659	1,700
Hanover	4,272	3,951	3,205	2,940	2,847	2,711
Henrico	16,147	12,050	9,747	9,513	10,409	10,482
Henry	4,404	4,257	3,678	3,362	3,371	2,953
Highland	218	161	156	147	155	155
Isle of Wight	1,652	1,453	1,195	1,144	1,157	1,095
James City	1,914	1,628	1,254	1,283	1,256	1,160
King and Queen	398	349	283	295	358	360
King George	875	792	627	547	508	513
King William	733	667	461	490	476	476
Lancaster	563	508	474	524	584	689
Lee	1,860	1,481	1,356	1,187	1,251	1,330
Loudoun	6,033	5,321	3,926	3,005	2,479	1,990
Louisa	1,244	1,134	1,009	867	931	980
Lunenburg	784	682	594	633	700	746
Madison	839	608	548	518	543	539
Mathews	472	447	417	410	471	482
Mecklenburg	1,938	1,652	1,440	1,511	1,790	1,819
Middlesex	443	429	331	432	467	511
Montgomery	4,262	3,395	2,613	2,418	2,236	2,013
Nelson	873	745	622	651	696	684
New Kent	817	629	506	408	471	459
Northampton	769	669	634	801	881	919
Northumberland	535	480	420	531	590	755
Nottoway	822	832	703	769	859	863

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TABLE 16.8B

Population by Age for Virginia's Counties and Cities: 1980, *CONTINUED*

	30-34	35-39	40-44	45-49	50-54	55-59
Orange	1,296	1,097	993	979	917	1,019
Page	1,439	1,322	1,023	1,020	1,085	1,114
Patrick	1,336	1,257	1,036	1,001	943	900
Pittsylvania	4,950	4,235	3,617	3,348	3,665	3,600
Powhatan	1,390	1,110	781	614	540	537
Prince Edward	926	775	703	673	739	760
Prince George	2,488	1,881	1,357	1,095	858	737
Prince William	16,407	13,980	9,893	6,889	5,085	3,451
Pulaski	3,004	2,303	1,934	1,774	1,869	1,908
Rappahannock	478	414	367	311	338	362
Richmond	442	423	360	383	401	432
Roanoke	6,640	5,746	4,728	4,346	4,268	3,835
Rockbridge	1,309	1,097	1,110	1,030	1,077	1,075
Rockingham	4,432	3,591	3,086	2,942	2,921	2,810
Russell	2,510	1,991	1,731	1,611	1,613	1,537
Scott	1,785	1,623	1,511	1,344	1,340	1,409
Shenandoah	1,981	1,684	1,526	1,509	1,536	1,625
Smyth	2,354	2,045	1,984	1,958	1,930	1,839
Southampton	1,218	1,034	1,067	935	985	1,095
Spotsylvania	3,420	2,642	1,977	1,501	1,472	1,260
Stafford	3,973	3,503	2,506	2,084	1,852	1,585
Surry	390	351	289	262	282	335
Sussex	727	598	522	580	615	592
Tazewell	3,970	3,099	2,754	2,495	2,642	2,590
Warren	1,574	1,419	1,203	1,095	1,196	1,198
Washington	3,589	3,145	2,727	2,490	2,429	2,313
Westmoreland	824	808	649	684	785	912
Wise	3,257	2,537	2,221	1,977	2,200	2,209
Wythe	1,841	1,653	1,383	1,358	1,394	1,389
York	3,214	3,085	2,546	2,008	1,685	1,490
Cities						
Alexandria	12,867	7,750	5,400	4,797	5,339	5,540
Bedford	350	270	297	296	302	329
Bristol	1,326	1,107	960	992	1,127	1,233
Buena Vista	514	418	390	370	368	351
Charlottesville	3,002	1,950	1,545	1,527	1,700	1,747
Chesapeake	9,534	8,100	6,846	5,871	5,754	5,602
Clifton Forge	287	250	240	221	321	302
Colonial Heights	1,349	1,146	1,052	1,043	1,109	1,132
Covington	606	502	389	437	506	565
Danville	3,180	2,383	2,208	2,348	2,863	3,001
Emporia	273	225	236	227	256	312
Fairfax	1,699	1,364	1,223	1,147	1,182	1,144
Falls Church	983	701	584	489	539	660
Franklin	491	366	346	347	395	444
Fredericksburg	1,006	739	647	672	730	809
Galax	438	368	341	374	414	422
Hampton	9,298	8,015	7,068	6,618	5,964	6,101
Harrisonburg	1,094	848	697	662	739	774
Hopewell	1,759	1,420	1,248	1,146	1,269	1,239
Lexington	331	287	236	297	312	342
Lynchburg	4,617	3,532	3,165	3,229	3,570	3,626
Manassas	1,722	1,151	861	656	601	506
Manassas Park	584	432	336	299	284	187
Martinsville	1,229	967	913	1,006	1,138	1,197
Newport News	11,969	9,038	7,179	6,872	6,966	7,037
Norfolk	18,514	12,752	9,365	9,576	11,602	12,597
Norton	346	268	240	202	265	277
Petersburg	2,773	2,104	2,004	2,019	2,337	2,469

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TABLE 16.8B
Population by Age for Virginia's Counties and Cities: 1980, *CONTINUED*

	30-34	35-39	40-44	45-49	50-54	55-59
Poquoson	776	860	666	574	437	329
Portsmouth	7,319	5,415	4,610	4,626	5,694	6,498
Radford	749	600	497	509	569	525
Richmond	16,718	10,988	9,015	9,531	11,124	12,035
Roanoke	7,625	5,254	4,223	4,639	5,698	6,089
Salem	1,781	1,432	1,314	1,336	1,413	1,510
South Boston	509	413	327	348	412	456
Staunton	1,609	1,320	1,151	1,224	1,319	1,328
Suffolk	3,344	2,975	2,463	2,450	2,715	2,744
Virginia Beach	25,365	20,671	15,201	12,958	11,831	9,989
Waynesboro	1,067	943	860	845	953	940
Williamsburg	380	296	230	245	292	366
Winchester	1,423	1,059	1,011	1,002	1,243	1,177
MSAs						
Bristol (Va. portion)	6,700	5,875	5,198	4,826	4,896	4,955
Charlottesville	9,151	6,748	5,496	4,953	5,088	4,925
Danville	8,130	6,618	5,825	5,696	6,528	6,601
Lynchburg	10,783	8,780	7,772	7,398	7,359	7,213
Norfolk	90,216	74,331	58,609	54,093	55,292	55,009
Northern Virginia	120,739	99,658	76,590	63,497	58,017	53,327
Richmond	66,175	50,677	40,271	38,037	39,766	39,429
Roanoke	18,107	14,164	11,681	11,668	12,760	12,687
Planning Districts						
LENOWISCO	7,248	5,909	5,336	4,710	5,056	5,225
Cumberland Plateau	11,046	8,822	7,766	6,821	6,884	6,386
Mount Rogers	13,210	11,463	10,178	9,979	10,222	9,885
New River Valley	10,187	8,222	6,627	6,150	6,310	6,225
Fifth	20,439	16,217	13,404	13,291	14,560	14,512
Central Shenandoah	15,374	12,942	11,296	10,726	11,171	10,797
Lord Fairfax	10,231	8,697	7,425	7,119	7,381	7,287
Northern Virginia	116,766	96,155	74,084	61,413	56,165	51,742
Rappahannock-Rapidan	7,277	6,369	5,390	4,982	4,782	4,680
Thomas Jefferson	11,268	8,627	7,127	6,471	6,715	6,589
Central Virginia	14,949	12,391	10,758	10,249	10,015	9,889
West Piedmont	17,895	15,548	13,429	12,935	13,809	13,442
Southside	5,597	4,657	4,140	4,172	4,746	4,845
Piedmont	5,247	4,652	4,111	4,105	4,401	4,538
Richmond Regional	56,102	42,601	33,219	31,560	33,067	32,627
RADCO	10,610	8,862	6,665	5,662	5,494	5,068
Northern Neck	2,364	2,217	1,911	2,122	2,360	2,788
Middle Peninsula	4,271	3,884	3,138	3,069	3,355	3,355
Crater	12,225	9,876	8,589	8,095	8,425	8,626
Southeastern Virginia	67,437	52,766	41,093	37,907	40,113	40,064
Peninsula	27,551	22,920	18,943	17,598	16,600	16,483
Accomack-Norhampton	2,658	2,313	2,146	2,424	2,716	2,836

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population. *General Population Characteristics Virginia*. U.S. Government Printing Office, Washington, D.C., 1982.

NOTES: A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
 A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 16.8C
Population by Age for Virginia's Counties and Cities: 1980, Continued

	60-64	65-69	70-74	75-79	80-84	85 & Over	Median Age
Virginia	221,066	182,978	135,322	91,476	54,401	41,131	29.8
Counties							
Accomack	1,840	* 1,727	1,373	1,000	602	508	34.8
Albemarle	1,793	1,549	1,247	774	480	360	27.2
Alleghany	670	570	436	289	143	80	31.4
Amelia	393	380	264	199	131	76	31.3
Amherst	1,242	1,107	820	556	329	216	30.5
Appomattox	580	538	381	279	187	93	31.7
Arlington	8,032	6,528	4,983	3,102	1,793	1,276	32.5
Augusta	2,343	2,178	1,593	1,009	621	459	31.6
Bath	266	285	206	161	97	44	33.1
Bedford	1,650	1,496	1,103	713	389	289	31.7
Bland	277	279	200	142	88	52	31.2
Botetourt	1,057	816	720	459	271	173	32.5
Brunswick	868	771	544	336	167	146	30.2
Buchanan	1,197	1,028	702	444	243	149	25.9
Buckingham	601	588	457	280	186	118	30.9
Campbell	1,773	1,699	1,056	715	390	294	30.1
Caroline	775	653	492	342	175	118	29.1
Carroll	1,376	1,301	978	745	449	253	33.1
Charles City	228	195	177	82	55	53	28.1
Charlotte	664	581	431	343	192	132	32.2
Chesterfield	3,810	2,664	1,702	1,046	634	468	28.6
Clarke	532	456	357	253	161	122	33.4
Craig	210	171	140	91	66	41	32.8
Culpeper	1,039	967	748	538	341	297	31.3
Cumberland	364	366	288	215	140	63	31.2
Dickenson	838	700	505	359	168	128	28.0
Dinwiddie	948	901	651	466	258	190	30.7
Essex	459	487	358	250	140	148	32.7
Fairfax	19,051	10,987	7,095	4,140	2,668	2,099	30.4
Fauquier	1,412	1,188	875	581	394	298	30.5
Floyd	618	656	446	311	217	173	33.9
Fluvanna	465	427	345	232	123	91	30.5
Franklin	1,559	1,439	989	718	431	306	30.5
Frederick	1,287	1,080	747	471	273	216	30.0
Giles	1,020	825	596	376	214	132	32.8
Gloucester	973	851	641	413	251	228	32.5
Goochland	451	462	352	254	123	106	31.7
Grayson	928	790	638	469	275	198	33.8
Greene	294	277	161	131	70	47	29.7
Greensville	463	471	342	198	107	59	28.6
Halifax	1,621	1,475	1,036	705	411	293	31.7
Hanover	2,042	1,746	1,183	754	492	336	31.6
Henrico	8,218	6,480	4,674	3,209	1,942	1,592	31.2
Henry	2,333	2,014	1,399	795	422	265	30.5
Highland	204	149	147	76	59	33	34.3
Isle of Wight	1,005	829	601	402	189	136	30.2
James City	1,051	779	569	385	185	211	30.8
King and Queen	329	328	214	150	68	67	32.6
King George	429	324	241	142	102	66	29.4
King William	428	408	304	179	102	77	31.0
Lancaster	777	747	547	421	253	201	41.8
Lee	1,296	1,231	1,038	737	360	253	31.1
Loudoun	1,635	1,350	1,028	756	451	289	29.6
Louisa	866	843	608	401	226	158	31.3
Lunenburg	736	595	437	322	178	139	33.1

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TABLE 16.8C

Population by Age for Virginia's Counties and Cities: 1980, *CONTINUED*

	60-64	65-69	70-74	75-79	80-84	85 & Over	Median Age
Madison	494	519	351	294	132	155	32.4
Mathews	557	575	458	349	202	172	41.1
Mecklenburg	1,640	1,572	1,050	733	402	312	32.8
Middlesex	565	565	365	286	176	149	30.8
Montgomery	1,798	1,552	1,194	762	477	383	23.3
Nelson	645	621	539	327	187	151	33.5
New Kent	347	314	224	106	65	52	30.0
Northampton	848	795	659	451	281	195	33.7
Northumberland	798	727	520	383	210	143	42.0
Nottoway	889	843	599	464	313	239	35.3
Orange	999	909	643	391	270	197	32.5
Page	982	878	680	471	281	207	32.7
Patrick	935	779	613	447	288	212	33.4
Pittsylvania	3,094	2,815	1,846	1,214	760	503	30.5
Powhatan	480	325	215	181	85	72	29.3
Prince Edward	751	780	532	374	231	191	26.0
Prince George	545	372	263	147	95	70	24.4
Prince William	2,018	1,362	965	615	323	260	26.0
Pulaski	1,663	1,455	1,108	730	387	290	31.3
Rappahannock	303	309	205	142	92	59	33.3
Richmond	371	377	285	192	121	76	34.4
Roanoke	2,914	2,344	1,806	1,346	827	705	32.3
Rockbridge	906	809	532	374	184	143	32.6
Rockingham	2,424	1,982	1,570	1,122	647	566	29.5
Russell	1,289	1,228	860	596	320	209	29.3
Scott	1,345	1,219	884	628	382	249	32.2
Shenandoah	1,413	1,377	1,129	759	460	362	33.9
Smyth	1,702	1,507	1,188	752	450	331	32.7
Southampton	977	770	567	384	210	109	29.9
Spotsylvania	1,188	892	626	365	205	172	27.8
Stafford	1,112	841	635	370	191	192	27.9
Surry	323	292	236	150	66	59	30.1
Sussex	543	544	358	225	121	91	30.5
Tazewell	2,234	1,931	1,423	927	503	324	29.6
Warren	1,154	1,038	748	430	211	153	32.4
Washington	2,140	1,895	1,478	1,028	628	386	31.4
Westmoreland	923	889	633	406	204	157	35.2
Wise	1,866	1,631	1,255	849	486	334	28.5
Wythe	1,263	1,113	899	603	349	288	31.9
York	1,061	770	540	324	163	116	28.6
Cities							
Alexandria	4,353	3,232	2,511	1,665	1,098	959	31.4
Bedford	367	396	332	273	193	217	40.1
Bristol	1,025	955	759	572	334	209	33.9
Buena Vista	322	271	211	129	72	47	31.0
Charlottesville	1,542	1,469	1,200	846	539	493	26.9
Chesapeake	4,162	3,197	2,102	1,362	804	623	28.2
Clifton Forge	283	281	275	225	162	146	38.5
Colonial Heights	861	541	380	291	158	123	33.4
Covington	556	590	479	274	162	100	35.3
Danville	2,643	2,332	1,883	1,394	845	574	34.4
Emporia	341	298	217	192	96	99	37.1
Fairfax	715	404	264	156	119	137	29.6
Falls Church	556	502	378	216	140	80	35.5
Franklin	409	357	284	157	79	79	30.8
Fredericksburg	757	766	618	446	268	147	29.8
Galax	352	371	319	212	149	108	37.4
Hampton	4,729	3,283	2,323	1,417	859	643	27.5
Harrisonburg	697	681	524	383	296	240	23.0

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TABLE 16.8C

Population by Age for Virginia's Counties and Cities: 1980, *CONTINUED*

	60-64	65-69	70-74	75-79	80-84	85 & Over	Median Age
Hopewell	1,031	958	671	453	252	220	29.9
Lexington	279	281	232	197	102	82	23.3
Lynchburg	3,166	3,033	2,449	1,879	1,056	907	30.9
Manassas	305	264	237	168	122	120	27.2
Manassas Park	110	76	42	23	14	10	24.0
Martinsville	1,070	1,019	784	515	238	263	35.2
Newport News	5,728	4,437	2,861	1,973	1,109	992	27.6
Norfolk	10,684	8,859	6,550	4,556	2,699	1,811	25.5
Norton	229	221	144	108	64	67	30.8
Petersburg	2,160	1,723	1,265	837	521	400	30.1
Poquoson	283	237	157	112	55	31	31.2
Portsmouth	5,390	4,204	2,989	2,010	1,216	823	29.1
Radford	535	406	351	219	146	84	23.0
Richmond	11,071	10,302	8,302	5,925	3,569	2,740	30.4
Roanoke	5,361	4,819	4,165	3,158	2,093	1,443	32.6
Salem	1,187	1,054	788	558	396	318	32.9
South Boston	412	363	293	206	142	117	34.4
Staunton	1,195	1,081	911	618	354	326	34.6
Suffolk	2,439	2,007	1,534	991	512	423	31.2
Virginia Beach	6,629	4,598	3,086	2,001	1,259	970	26.7
Waynesboro	908	748	541	335	155	130	33.4
Williamsburg	314	331	277	205	115	97	22.3
Winchester	1,095	983	808	606	372	284	33.2
MSAs							
Bristol (Va. portion)	4,510	4,069	3,121	2,228	1,344	844	NC
Charlottesville	4,094	3,722	2,953	1,983	1,212	991	NC
Danville	5,737	5,147	3,729	2,608	1,605	1,077	NC
Lynchburg	6,181	5,639	4,325	3,150	1,775	1,417	NC
Norfolk	43,443	33,553	23,629	15,749	9,227	6,968	NC
Northern Virginia	37,887	25,546	18,138	11,211	6,919	5,422	NC
Richmond	32,192	26,983	20,059	13,751	8,249	6,422	NC
Roanoke	10,519	9,033	7,479	5,521	3,587	2,639	NC
Planning Districts							
LENOWISCO	4,736	4,302	3,321	2,322	1,292	903	NC
Cumberland Plateau	5,558	4,887	3,490	2,326	1,234	810	NC
Mount Rogers	9,063	8,211	6,459	4,523	2,722	1,825	NC
New River Valley	5,634	4,894	3,695	2,398	1,441	1,062	NC
Fifth	12,238	10,645	8,809	6,400	4,120	3,006	NC
Central Shenandoah	9,544	8,465	6,467	4,404	2,587	2,070	NC
Lord Fairfax	6,463	5,812	4,469	2,990	1,758	1,344	NC
Northern Virginia	36,775	24,705	17,503	10,841	6,728	5,230	NC
Rappahannock-Rapidan	4,247	3,892	2,822	1,946	1,229	1,006	NC
Thomas Jefferson	5,605	5,186	4,100	2,711	1,625	1,300	NC
Central Virginia	8,778	8,069	6,141	4,415	2,544	2,016	NC
West Piedmont	11,634	10,398	7,514	5,083	2,984	2,123	NC
Southside	4,541	4,181	2,923	1,980	1,122	868	NC
Piedmont	4,398	4,133	3,008	2,197	1,371	958	NC
Richmond Regional	26,647	22,488	16,829	11,557	6,965	5,419	NC
RADCO	4,261	3,476	2,612	1,665	941	695	NC
Northern Neck	2,869	2,740	1,985	1,402	788	577	NC

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TABLE 16.8C
Population by Age for Virginia's Counties and Cities: 1980, *CONTINUED*

	60-64	65-69	70-74	75-79	80-84	85 & Over	Median Age
Middle Peninsula	3,311	3,214	2,340	1,627	939	841	NC
Crater	7,215	6,100	4,383	2,959	1,674	1,311	NC
Southeastern Virginia Peninsula	31,695	24,821	17,693	11,863	6,968	4,974	NC
Accomack-Norhampton	13,166	9,837	6,727	4,416	2,486	2,090	NC
	2,688	2,522	2,032	1,451	883	703	NC

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population. *General Population Characteristics Virginia*. U.S. Government Printing Office, Washington, D.C., 1982.

NOTES: "Median Age" in years.

NC—Not computed.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 16.9
Population Estimates by Race and Hispanic Origin for the U.S., Virginia, and Surrounding States: 1985

	Population, 1985			Percent Change, 1980-85		
	Black	Other Races	Hispanic	Black	Other Races	Hispanic
United States	28,902	7,293	17,517	8.3%	36.1%	22.9%
Virginia	1,091	127	87	7.9	51.9	37.5
Delaware	106	10	10	9.4	NC	NC
District of Columbia	437	9	18	-3.0	NC	16.6
Florida	1,565	136	1,102	15.9	48.7	29.5
Georgia	1,600	56	48	9.2	50.1	25.1
Kentucky	264	21	14	1.5	23.8	14.3
Maryland	1,076	113	71	12.1	41.8	30.2
North Carolina	1,392	109	39	5.4	20.4	25.1
South Carolina	1,012	27	20	6.6	29.4	18.6
Tennessee	766	31	18	5.5	31.8	15.0
West Virginia	64	9	8	-2.2	NC	NC

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Reports, Series P-25, *Population Estimates by Race and Hispanic Origin for States, Metropolitan Areas, and Selected Counties: 1980 to 1985*. U.S. Government Printing Office, Washington, D.C., 1989.

NOTES: In thousands, except percents.

"Other Races" refers to that portion of the population that is neither White nor Black. Other races primarily consist of (1) Asians and Pacific Islanders, and (2) American Indians, Eskimos, and Aleuts.

"Hispanics" may be of any race.

NC—Percentage not computed because 1980 base population less than 10,000.

TABLE 16.10
Characteristics for Selected Racial Groups, Virginia: 1980

Racial Group	Total		Males		Females	
	Number	Number Age 16 & Over	Number	Number Age 16 & Over	Number	Number Age 16 & Over
American Indian	9,211	7,074	4,890	3,756	4,321	3,318
Eskimo	156	112	85	62	71	50
Aleut	87	77	54	49	33	28
Japanese	5,207	4,278	1,758	1,280	3,449	2,998
Chinese	9,360	6,986	4,631	3,425	4,729	3,561
Filipino	18,901	12,544	9,274	5,978	9,627	6,566
Korean	12,550	8,442	5,157	3,218	7,393	5,224
Asian Indian	8,483	5,976	4,408	3,178	4,075	2,798
Vietnamese	10,000	6,649	4,806	3,101	5,194	3,548
Hawaiian	903	740	442	362	461	378
Guamanian	535	360	274	189	261	171
Samoan	270	189	141	105	129	84
Other	32,689	22,500	17,795	12,541	14,894	9,959

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population, *General Population Characteristics Virginia*. U.S. Government Printing Office, Washington, D.C., 1982.

TABLE 16.11
Population by Race and Age, Virginia: 1960-1980

Age Group	1980		1970		1960	
	White	Black	White	Black	White	Black
Under 5	268,499	81,572	305,074	84,225	345,236	110,897
5 to 9	292,409	84,256	354,088	100,466	318,142	102,502
10 to 14	324,294	97,469	364,984	107,455	298,888	87,760
15 to 19	382,231	114,382	343,007	96,094	254,359	69,502
20 to 24	411,272	107,950	367,522	68,915	232,123	51,516
25 to 29	374,394	91,093	281,865	49,935	207,478	48,136
30 to 34	365,764	71,580	233,297	44,208	222,444	50,741
35 to 39	301,869	54,490	222,656	44,229	236,638	53,876
40 to 44	242,843	46,775	232,861	46,179	211,896	48,966
45 to 49	221,870	44,853	234,861	46,698	187,451	44,838
50 to 54	225,625	45,461	205,053	42,256	157,849	35,453
55 to 59	221,434	44,229	173,142	37,071	130,485	31,603
60 to 64	181,564	37,972	142,577	29,118	105,082	24,296
65 to 69	148,419	33,321	108,850	25,036	87,614	22,278
70 to 74	111,905	22,592	81,436	17,337	65,616	15,161
75 to 79	75,354	15,614	55,417	11,120	43,742	9,513
80 to 84	45,894	8,252	32,985	6,326	23,655	4,270
85+	34,158	6,807	21,839	4,700	13,745	2,826
Total	4,229,798	1,008,668	3,761,514	861,368	3,142,443	814,134
Median Age	30.8	25.9	27.6	22.9	28.0	23.5

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population, *General Population Characteristics Virginia*. U.S. Government Printing Office, Washington, D.C., 1982.



TABLE 16.12
Population by Race and Spanish Origin
for Virginia's Counties and Cities: 1980

	Race				Spanish Origin
	White	Black	American Indian, Eskimo, & Aleut	Asian & Pacific Islander	
Virginia	4,229,798	1,008,668	9,454	66,209	79,868
Counties					
Accomack	19,753	11,401	43	44	419
Albemarle	48,917	6,183	41	504	419
Alleghany	13,923	356	12	24	80
Amelia	5,144	3,215	4	22	90
Amherst	22,925	5,963	157	48	213
Appomattox	9,167	2,778	10	9	76
Arlington	126,121	14,028	384	6,631	8,863
Augusta	51,478	2,031	35	131	300
Bath	5,284	553	1	10	37
Bedford	30,867	3,971	10	57	220
Bland	6,131	198	10	1	21
Botetourt	22,093	1,124	13	21	128
Brunswick	6,631	8,972	4	9	109
Buchanan	37,839	21	15	43	336
Buckingham	6,749	4,979	2	16	133
Campbell	38,313	6,861	29	167	254
Caroline	9,917	7,693	191	39	128
Carroll	27,126	94	10	12	148
Charles City	1,397	4,726	552	3	98
Charlotte	7,516	4,737	5	6	118
Chesterfield	125,841	13,910	251	1,094	995
Clarke	8,787	1,144	6	22	40
Craig	3,938	8			21
Culpeper	17,834	4,653	48	51	158
Cumberland	4,466	3,393	4	5	72
Dickenson	19,673	94	4	17	143
Dinwiddie	12,867	9,653	16	48	176
Essex	5,224	3,543	35	43	74
Fairfax	529,325	34,994	1,235	22,725	19,535
Fauquier	29,994	5,635	43	122	259
Floyd	11,152	384	6	8	53
Fluvanna	7,204	3,013	12	7	52
Franklin	31,350	4,324	19	24	212
Frederick	33,559	484	18	67	129
Giles	17,400	354	5	40	97
Gloucester	16,888	3,088	18	42	116
Goochland	7,455	4,275	6	15	57
Grayson	16,002	550	10	10	73
Greene	7,023	576	5	10	58
Greensville	4,697	6,175	3	22	116
Halifax	18,220	12,268	51	24	189
Hanover	43,615	6,558	63	94	260
Henrico	151,187	27,096	436	1,468	1,415
Henry	44,068	13,478	25	32	343
Highland	2,919	6	3	6	20
Isle of Wight	12,653	8,875	28	14	199
James City	16,035	6,439	49	170	230
King and Queen	3,152	2,764	44	5	29
King George	8,044	2,385	13	69	76
King William	5,866	3,219	210	26	78
Lancaster	6,740	3,360	9	14	53
Lee	25,804	89	44	17	123
Loudoun	51,529	5,018	94	430	853

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TABLE 16.12
Population by Race and Spanish Origin for Virginia's
Counties and Cities: 1980, *CONTINUED*

	Race				Spanish Origin
	White	Black	American Indian, Eskimo, & Aleut	Asian & Pacific Islander	
Louisa	11,959	5,801	16	10	160
Lunenburg	7,329	4,764	8	7	124
Madison	8,368	1,831	7	7	119
Mathews	6,551	1,432	1	5	35
Mecklenburg	17,522	11,867	6	28	312
Middlesex	5,455	2,244	4	3	41
Montgomery	60,540	1,897	73	711	511
Nelson	9,261	2,916	8	6	99
New Kent	6,379	2,287	83	5	48
Northampton	7,267	7,289	9	16	194
Northumberland	6,506	3,306	6	6	119
Nottoway	8,900	5,725	6	22	142
Orange	14,775	3,235	13	28	83
Page	18,833	499	10	42	110
Patrick	16,238	1,344	6	42	158
Pittsylvania	46,052	19,988	25	53	483
Powhatan	9,709	3,320	9	11	49
Prince Edward	10,194	6,169	9	44	126
Prince George	16,965	7,481	76	484	930
Prince William	128,947	11,918	358	2,080	3,272
Pulaski	33,211	1,867	53	64	182
Rappahannock	5,388	689		9	54
Richmond	4,720	2,218	2	3	50
Roanoke	70,877	1,685	36	250	354
Rockbridge	17,294	581	10	16	108
Rockingham	55,976	788	33	144	415
Russell	31,412	300	28	14	157
Scott	24,887	157	14	5	122
Shenandoah	27,103	374	33	27	191
Smyth	32,669	594	22	58	160
Southampton	9,667	8,999	18	24	162
Spotsylvania	29,013	5,082	66	198	292
Stafford	37,115	2,905	91	208	502
Surry	2,264	3,779	1	1	113
Sussex	4,233	6,635	1	5	182
Tazewell	48,990	1,304	39	127	274
Warren	19,887	1,189	23	56	194
Washington	45,555	798	19	69	186
Westmoreland	8,646	5,335	14	36	118
Wise	42,836	857	38	99	204
Wythe	24,541	910	11	44	101
York	28,636	6,118	49	310	572
Cities					
Alexandria	74,726	23,006	269	2,888	4,042
Bedford	4,810	1,159	2	5	66
Bristol	17,803	1,122	22	57	93
Buena Vista	6,439	265	1	6	42
Charlottesville	32,131	7,229	26	379	376
Chesapeake	81,351	31,600	248	958	1,059
Clifton Forge	4,224	797	9	9	35
Colonial Heights	16,169	52	19	221	127
Covington	7,824	1,209	6	20	100
Danville	31,846	13,573	37	132	305
Emporia	2,874	1,953	2	5	53
Fairfax	18,099	585	49	479	379

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TABLE 16.12
Population by Race and Spanish Origin for Virginia's
Counties and Cities: 1980, *CONTINUED*

	Race				Spanish Origin
	White	Black	American Indian, Eskimo, & Aleut	Asian & Pacific Islander	
Falls Church	8,846	223	10	282	315
Franklin	3,246	4,045	5	9	85
Fredericksburg	12,089	3,104	30	57	128
Galax	6,197	307	11	5	59
Hampton	78,338	42,072	241	1,223	1,703
Harrisonburg	18,622	874	13	129	134
Hopewell	18,427	4,661	31	162	230
Lexington	6,322	896	4	39	60
Lynchburg	50,354	15,807	47	357	452
Manassas	13,736	1,403	22	174	194
Manassas Park	6,138	286	17	27	97
Martinsville	12,351	5,728	1	54	113
Newport News	95,941	45,584	323	1,906	2,587
Norfolk	162,300	93,987	885	7,149	6,074
Norton	4,469	249	1	25	37
Petersburg	15,437	25,080	45	309	462
Poquoson	8,623	25	8	53	46
Portsmouth	56,190	47,185	173	718	1,042
Radford	12,250	860	10	58	92
Richmond	104,743	112,357	357	976	2,210
Roanoke	77,494	22,040	73	312	681
Salem	22,770	1,063	24	74	99
South Boston	4,479	2,562	5	39	53
Staunton	19,295	2,461	26	48	116
Suffolk	24,735	22,682	57	109	349
Virginia Beach	226,788	26,291	633	6,570	5,160
Waynesboro	13,964	1,294	12	37	91
Williamsburg	8,624	1,031	12	135	106
Winchester	18,262	1,795	13	99	114
MSAs					
Bristol (Va. portion)	88,245	2,077	55	131	401
Charlottesville	95,275	17,001	84	900	905
Danville	77,890	33,561	62	185	788
Lynchburg	111,592	28,631	233	572	919
Norfolk	804,449	326,102	2,696	19,343	19,044
Northern Virginia	994,582	94,366	2,529	35,924	38,052
Richmond	530,191	221,456	1,944	4,890	7,057
Roanoke	193,234	25,912	146	657	1,262
Planning Districts					
LENOWISCO	97,996	1,352	97	146	486
Cumberland Plateau	137,914	1,719	86	201	910
Mount Rogers	176,024	4,573	115	256	841
New River Valley	134,553	5,362	147	881	935
Fifth	223,143	28,282	173	710	1,498
Central Shenandoah	197,593	9,749	138	566	1,323
Lord Fairfax	126,431	5,485	103	313	778
Northern Virginia	957,467	91,461	2,438	35,716	37,550
Rappahannock-Rapidan	76,359	16,043	111	217	673
Thomas Jefferson	116,495	25,718	108	916	1,164
Central Virginia	156,436	36,539	255	643	1,281
West Piedmont	181,905	58,435	113	337	1,614
Southside	46,852	35,669	66	100	663
Piedmont	50,298	32,982	38	122	805
Richmond Regional	450,326	174,529	1,757	3,666	5,132

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TABLE 16.12
Population by Race and Spanish Origin for Virginia's
Counties and Cities: 1980, *CONTINUED*

	Race				
	White	Black	American Indian, Eskimo, & Aleut	Asian & Pacific Islander	Spanish Origin
RADCO	96,178	21,169	391	571	1,126
Northern Neck	26,612	14,219	31	59	340
Middle Peninsula	43,136	16,290	312	124	373
Crater	93,933	65,469	194	1,257	2,389
Southeastern Virginia	576,930	243,664	2,047	15,551	14,130
Peninsula	236,197	101,269	682	3,797	5,244
Accomack-Norhampton	27,020	18,690	52	60	613

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*. U.S. Government Printing Office, Washington, D.C., 1982.

NOTES: Persons of Spanish origin may be of any race.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 16.13
Estimates of the Number of Households for the U.S.,
Virginia, and Surrounding States: 1970-1988

	Number of Households							
	1988	1987	1986	1985	1984	1982	1980	1970
United States	91,538	90,031	88,797	87,489	86,019	83,540	80,390	63,450
Virginia	2,228	2,171	2,122	2,067	2,029	1,950	1,863	1,391
Delaware	244	238	232	227	223	214	207	165
District of Columbia	248	248	251	254	251	251	253	263
Florida	4,922	4,787	4,636	4,512	4,306	4,070	3,744	2,285
Georgia	2,314	2,258	2,199	2,155	2,074	1,975	1,872	1,369
Kentucky	1,383	1,366	1,355	1,343	1,328	1,300	1,263	984
Maryland	1,696	1,656	1,624	1,591	1,569	1,515	1,461	1,175
North Carolina	2,444	2,390	2,340	2,306	2,221	2,133	2,043	1,510
South Carolina	1,225	1,199	1,176	1,157	1,126	1,084	1,030	734
Tennessee	1,852	1,820	1,783	1,764	1,713	1,672	1,619	1,213
West Virginia	708	707	710	709	704	699	686	547

SOURCES: U.S. Department of Commerce, Bureau of the Census, Current Population Reports, Series P-25, *State Population and Household Estimates, With Age, Sex, and Components of Change: 1981-86*. U.S. Government Printing Office, Washington, D.C., annual; U.S. Department of Commerce, Bureau of the Census, *Commerce News*, Press release CB88-56, April 5, 1988; U.S. Department of Commerce, Bureau of the Census, *Commerce News*, Press release CB89-73, May 5, 1989.

NOTES: In thousands. Data for 1970 and 1980 as of April 1, otherwise as of July 1.
 Data for 1986-88* provisional.



TABLE 16.14
Household and Family Characteristics by Race, Virginia: 1980

	Total	White	Black
Household type and relationship:			
Total persons in households	5,169,913	4,098,649	968,280
Householder	1,863,073	1,524,887	309,677
Male	1,354,932	1,145,741	186,622
Female	508,141	379,146	123,055
Spouse	1,147,567	982,295	142,252
Child	1,726,877	1,308,257	380,613
Brother or sister	49,572	29,654	17,654
Parent	36,235	26,669	7,829
Other relative	178,482	100,709	73,554
Nonrelative	168,107	126,178	36,701
Total persons in group quarters	176,905	131,149	40,388
Inmate of institution	55,061	36,781	17,666
Other	121,844	94,368	22,722
Family type/children:			
All families	1,397,516	1,141,312	233,878
With own children under 18 years	724,943	576,110	133,321
With own children under 6 years only	169,649	136,890	27,866
Married-couple families	1,147,567	984,914	144,118
With own children under 18 years	590,126	496,714	80,062
With own children under 6 years only	145,547	123,724	17,428
Female householder, no husband present	201,378	122,899	75,841
With own children under 18 years	116,278	66,410	48,079
With own children under 6 years only	20,224	10,961	8,873
Marital status:			
Male, 15 and older	2,015,852	1,625,652	352,100
Single	616,078	459,470	142,544
Married	1,203,226	1,023,029	158,614
Separated	57,236	35,968	20,377
Widowed	45,274	31,671	13,222
Divorced	94,038	75,514	17,343
Female, 15 and older	2,151,705	1,718,944	393,271
Single	500,476	358,950	132,357
Married	1,193,511	1,014,414	153,722
Separated	74,430	42,996	30,276
Widowed	250,934	198,183	50,542
Divorced	132,354	104,401	26,374

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population. *General Population Characteristics, Virginia*. U.S. Government Printing Office, Washington, D.C., 1982.

TABLE 16.15

Number of Households and Average Population Per Household
for Virginia's Counties and Cities: 1980 and 1985

	Households				Average Population Per Household	
	1985	1980	Change, 1980-85		1985	1980
			Number	Percent		
Virginia	2,076,000	1,863,073	213,000	11.5%	2.65	2.77
Counties						
Accomack	11,900	11,600	300	2.8	2.59	2.67
Albemarle	21,000	18,886	2,100	11.2	2.59	2.70
Alleghany	5,000	4,851	100	2.5	2.77	2.93
Amelia	2,900	2,758	100	4.3	2.90	3.04
Amherst	9,500	8,962	500	6.0	2.81	2.95
Appomattox	4,400	4,053	300	7.8	2.80	2.94
Arlington	26,700	21,615	5,100	7.1	2.00	2.07
Augusta	17,700	17,978	-300	-1.5	2.78	2.87
Bath	1,900	1,961	-100	-5.3	2.69	2.78
Bedford	13,900	11,985	1,900	15.7	2.75	2.89
Bland	2,200	2,078	100	6.2	2.72	2.84
Botetourt	8,800	7,972	800	9.9	2.74	2.89
Brunswick	5,200	5,019	200	3.1	2.86	3.01
Buchanan	12,200	11,782	400	3.5	2.99	3.20
Buckingham	4,000	3,859	100	3.2	2.93	3.05
Campbell	10,600	15,130	1,400	9.5	2.81	2.99
Caroline	6,300	5,721	600	10.7	2.93	3.09
Carroll	10,400	9,741	700	7.3	2.64	2.77
Charles City	2,100	1,953	100	5.4	3.22	3.43
Charlotte	4,100	4,250	100	2.4	2.83	3.00
Chesterfield	56,700	45,821	10,800	23.7	2.85	3.02
Clarke	3,800	3,514	200	7.0	2.62	2.74
Craig	1,600	1,452	100	8.8	2.61	2.72
Culpeper	8,300	7,605	700	9.8	2.81	2.93
Cumberland	2,700	2,560	200	6.8	2.89	3.08
Dickenson	6,800	6,402	400	5.9	2.95	3.09
Dinwiddie	6,500	6,421	100	1.7	2.97	3.18
Essex	3,200	3,040	100	4.5	2.75	2.87
Fairfax	250,500	205,166	45,400	22.1	2.71	2.88
Fauquier	13,800	11,607	2,200	19.0	2.88	3.05
Floyd	4,300	4,142	200	5.0	2.65	2.75
Fluvanna	3,700	3,400	300	9.4	2.86	2.99
Franklin	13,000	11,856	1,100	9.5	2.74	2.89
Frederick	12,800	11,467	1,300	11.2	2.81	2.96
Giles	6,600	6,280	300	4.5	2.68	2.83
Gloucester	9,800	7,146	2,600	36.8	2.69	2.80
Goochland	4,100	3,678	400	11.8	2.87	3.02
Grayson	6,200	5,998	200	4.1	2.65	2.74
Greene	3,000	2,554	400	15.8	2.89	2.98
Greensville	3,500	3,446		1.3	3.02	3.16
Halifax	10,500	10,182	300	3.2	2.82	2.98
Hanover	18,100	16,267	1,800	11.3	2.86	3.02
Henrico	75,200	67,037	8,100	12.2	2.54	2.66
Henry	20,500	19,569	900	4.5	2.77	2.94
Highland	1,100	1,109			2.60	2.64
Isle of Wight	8,200	7,046	1,200	16.6	2.87	3.04
James City	9,400	7,639	1,800	23.2	2.62	2.82
King and Queen	2,200	2,056	200	9.3	2.76	2.90
King George	4,000	3,513	500	14.2	2.84	2.98
King William	3,500	3,091	400	13.0	2.87	3.02

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TABLE 16.15

Number of Households and Average Population Per Household
for Virginia's Counties and Cities: 1980 and 1985, *CONTINUED*

	Households				Average Population Per Household	
	1985	1980	Change, 1980-85		1985	1980
			Number	Percent		
Lancaster	4,400	3,939	400	10.5	2.46	2.53
Lee	9,400	8,904	500	5.3	2.82	2.90
Loudoun	22,200	18,653	3,600	19.1	2.87	3.05
Louisa	6,600	5,959	700	11.3	2.84	2.97
Lunenburg	4,500	4,255	200	4.7	2.72	2.84
Madison	3,700	3,412	300	7.4	2.87	2.98
Mathews	3,500	3,118	400	11.4	2.44	2.53
Mecklenburg	10,900	10,154	700	7.1	2.69	2.84
Middlesex	3,300	2,922	400	13.1	2.50	2.59
Montgomery	22,400	20,831	1,500	7.4	2.51	2.63
Nelson	4,500	4,267	300	6.0	2.73	2.84
New Kent	3,600	2,934	600	21.9	2.79	2.95
Northampton	5,500	5,394	100	1.3	2.60	2.70
Northumberland	4,000	3,813	200	5.1	2.49	2.57
Nottoway	5,100	5,017	...	0.8	2.72	2.81
Orange	7,000	6,252	700	11.3	2.75	2.86
Page	7,300	6,924	400	6.1	2.68	2.78
Patrick	6,600	6,219	300	5.5	2.67	2.82
Pittsylvania	23,300	22,147	1,200	5.4	2.82	2.97
Powhatan	4,100	3,580	500	15.0	2.96	3.17
Prince Edward	5,300	4,937	400	8.0	2.68	2.80
Prince George	6,900	6,507	400	6.4	3.07	3.26
Prince William	56,000	43,790	12,250	27.8	3.00	3.26
Pulaski	12,900	12,380	500	4.0	2.67	2.82
Rappahannock	2,300	2,145	100	6.7	2.71	2.84
Richmond	2,500	2,425	100	4.9	2.71	2.83
Roanoke	27,200	25,237	2,000	7.9	2.61	2.80
Rockbridge	6,500	6,324	200	3.3	2.70	2.82
Rockingham	18,700	19,078	-400	-2.0	2.77	2.89
Russell	11,300	10,628	700	6.4	2.85	2.98
Scott	9,300	8,748	600	6.7	2.74	2.86
Shenandoah	10,600	10,035	600	5.8	2.62	2.72
Smyth	11,900	11,423	500	4.6	2.70	2.84
Southampton	5,800	5,774	...	-0.1	2.91	3.06
Spotsylvania	12,100	10,860	1,300	11.6	3.03	3.16
Stafford	15,800	12,172	3,600	29.8	3.00	3.19
Surry	2,200	2,009	200	9.9	2.81	3.01
Sussex	3,600	3,573	100	1.6	2.82	3.04
Tazewell	17,800	17,079	700	4.3	2.83	2.93
Warren	8,600	7,754	900	11.5	2.61	2.71
Washington	17,000	15,866	1,100	7.2	2.70	2.86
Westmoreland	5,400	5,042	300	6.8	2.65	2.78
Wise	15,600	14,731	900	6.2	2.84	2.93
Wythe	9,400	9,005	400	4.5	2.70	2.81
York	13,400	10,895	2,500	23.0	2.87	3.15
Cities						
Alexandria	53,300	49,004	4,300	8.7	2.00	2.07
Bedford	2,500	2,299	200	7.6	2.34	2.42
Bristol	7,200	7,238	-100	-1.1	2.45	2.54
Buena Vista	2,400	2,268	100	4.9	2.70	2.88
Charlottesville	16,200	15,401	800	5.4	2.43	2.50
Chesapeake	43,800	36,383	7,400	20.4	2.94	3.11
Clifton Forge	1,900	1,896	...	2.4	2.43	2.54
Colonial Heights	6,400	5,871	600	9.4	2.63	2.79

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TABLE 16.15

Number of Households and Average Population Per Household
for Virginia's Counties and Cities: 1980 and 1985, *CONTINUED*

	Households				Average Population Per Household	
	1985	1980	Change, 1980-85		1985	1980
			Number	Percent		
Covington	3,200	3,511	-300	-9.6	2.40	2.57
Danville	17,900	17,511	400	2.2	2.43	2.55
Emporia	1,800	1,754	...	1.1	2.55	2.67
Fairfax	7,200	6,881	300	4.8	2.77	2.76
Falls Church	4,400	4,250	200	3.9	2.14	2.23
Franklin	2,800	2,588	200	8.3	2.68	2.80
Fredericksburg	7,900	5,927	2,000	33.6	2.22	2.29
Galax	2,800	2,625	200	8.0	2.36	2.45
Hampton	44,600	41,506	3,100	7.4	2.70	2.83
Harrisonburg	8,900	5,956	3,000	50.1	2.39	2.46
Hopewell	9,200	8,506	700	8.4	2.60	2.72
Lexington	2,100	2,179	-100	-2.5	2.25	2.38
Lynchburg	24,600	23,940	600	2.6	2.54	2.60
Manassas	6,300	5,048	1,300	25.6	3.01	2.98
Manassas Park	2,100	1,856	200	12.0	3.36	3.51
Martinsville	7,100	6,636	500	7.7	2.51	2.66
Newport News	56,900	51,314	5,600	10.9	2.64	2.73
Norfolk	90,700	87,802	2,900	3.3	2.60	2.65
Norton	1,700	1,653	...	2.4	2.71	2.83
Petersburg	15,400	14,920	500	3.5	2.60	2.72
Poquoson	3,400	2,781	700	23.7	2.92	3.14
Portsmouth	40,500	36,746	3,700	10.2	2.67	2.79
Radford	4,200	3,955	200	6.3	2.41	2.54
Richmond	88,000	85,797	2,200	2.6	2.35	2.43
Roanoke	41,400	40,023	1,400	3.4	2.40	2.46
Salem	9,300	8,646	600	7.3	2.41	2.74
South Boston	2,800	2,616	200	7.0	2.53	2.65
Staunton	8,300	8,097	200	2.3	2.43	2.53
Suffolk	17,700	15,742	1,900	12.1	2.82	3.00
Virginia Beach	109,600	85,155	24,500	28.8	2.83	2.97
Waynesboro	7,500	5,870	1,600	27.0	2.47	2.61
Williamsburg	3,600	2,820	800	26.9	2.06	2.12
Winchester	8,500	7,971	500	6.4	2.34	2.42

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Reports, Series P-23, *Estimates of Households for Counties: July 1, 1985*. U.S. Government Printing Office, Washington, D.C., 1988.



TABLE 16.16
Projections of the Resident Population for the
U.S., Virginia, and Surrounding States: 1990–2010

	Projections				Percent Change	
	1990	1995	2000	2010	1980–1990	1990–2000
United States	249,891	259,619	267,747	282,055	10.3%	7.1%
Virginia	6,157	6,551	6,877	7,410	15.2	11.7
Delaware	666	702	734	790	12.0	10.2
District of Columbia	614	620	634	672	-3.8	3.2
Florida	12,818	14,189	15,415	17,530	31.5	20.3
Georgia	6,663	7,338	7,957	9,045	22.0	19.4
Kentucky	3,745	3,745	3,733	3,710	2.3	-0.3
Maryland	4,729	5,025	5,274	5,688	12.1	11.5
North Carolina	6,690	7,106	7,483	8,154	13.7	11.8
South Carolina	3,549	3,740	3,906	4,205	13.7	10.1
Tennessee	4,972	5,135	5,266	5,500	8.3	5.9
West Virginia	1,856	1,786	1,722	1,617	-4.8	-7.3

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Reports, Series P-25, *Projections of the Population of States, by Age, Sex, and Race: 1988 to 2010*. U.S. Government Printing Office, Washington, D.C., 1988.

NOTE: In thousands, as of July 1. Includes military personnel residing in each state.

TABLE 16.17
Population Projections by Age and Race for the
U.S., Virginia, and Surrounding States: 2000

	Age						Percent of Total Population	
	0–4	5–17	18–24	25–44	45–64	65+	White	Black
United States	16,898	48,815	24,987	80,793	61,373	34,882	82.6%	13.1%
Virginia	403	1,204	662	2,215	1,603	790	77.7	19.4
Delaware	47	132	67	228	162	97	76.5	21.1
District of Columbia	28	83	66	229	144	83	30.5	67.8
Florida	813	2,431	1,210	4,141	3,752	3,068	83.5	14.8
Georgia	531	1,525	785	2,523	1,764	828	71.6	27.0
Kentucky	234	672	368	1,088	877	494	91.5	7.9
Maryland	316	951	459	1,709	1,232	607	68.2	27.9
North Carolina	431	1,292	742	2,283	1,746	989	75.5	21.9
South Carolina	248	720	403	1,183	888	465	69.0	30.0
Tennessee	301	903	498	1,582	1,273	709	82.2	16.8
West Virginia	101	300	154	491	422	255	96.6	2.6

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Reports, Series P-25, *Projections of the Population of States, by Age, Sex, and Race: 1988 to 2010*. U.S. Government Printing Office, Washington, D.C., 1988.

NOTE: In thousands, except percent. Includes Armed Forces residing in each state.

TABLE 16.18

Projections of the Population of Voting Age by Sex and Race for the U.S., Virginia, and Surrounding States: November 1, 1988

	Total, 18 & Over	Male	Female	White	Black	Other Races	Hispanic
United States	182,628	87,363	95,265	156,578	20,441	5,609	13,021
Virginia	4,544	2,199	2,345	3,640	800	96	74
Delaware	490	231	258	402	80	7	8
District of Columbia	489	222	267	165	317	7	15
Florida	9,614	4,538	5,076	8,369	1,133	113	907
Georgia	4,665	2,206	2,459	3,481	1,138	46	40
Kentucky	2,746	1,316	1,431	2,543	188	15	10
Maryland	3,491	1,662	1,829	2,564	833	94	59
North Carolina	4,913	2,335	2,577	3,832	993	88	31
South Carolina	2,534	1,210	1,324	1,821	693	20	15
Tennessee	3,661	1,729	1,932	3,099	538	24	15
West Virginia	1,398	663	735	1,350	41	7	6

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Reports, Series P-25, *Projections of the Population of Voting Age for States: November 1988*. U.S. Government Printing Office, Washington, D.C., 1988.

NOTE: In thousands. Includes armed forces in each state. Hispanic persons may be of any race.

TABLE 16.19

Population Projections by Age and Race, Virginia: 1990-2000

Age	1990			2000		
	Total	White	Nonwhite	Total	White	Nonwhite
0-4	412,880	311,023	101,855	461,830	328,957	132,868
5-9	407,120	303,956	103,164	424,030	298,608	125,418
10-14	393,150	289,053	104,097	423,170	313,313	109,854
15-19	445,560	334,666	110,896	460,640	342,246	118,397
20-24	490,650	376,032	114,614	546,440	419,620	126,820
25-29	542,330	417,605	124,725	458,330	349,213	109,119
30-34	553,200	424,602	128,597	438,660	332,341	106,319
35-39	514,270	401,207	113,058	528,590	404,292	124,299
40-44	477,580	386,976	90,607	540,670	412,272	128,398
45-49	375,130	308,442	66,689	505,280	392,331	112,952
50-54	294,600	240,203	54,392	463,950	374,795	89,153
55-59	257,560	209,323	48,232	355,560	291,122	64,441
60-64	251,520	205,236	46,284	268,070	217,398	50,673
65-69	238,000	194,175	43,821	225,750	181,443	44,306
70-74	182,140	148,666	33,476	205,700	166,275	39,424
75-79	125,180	102,483	22,695	171,360	140,788	30,567
80-84	82,990	70,669	12,318	116,220	97,779	18,445
85+	52,890	44,924	7,961	70,170	58,913	11,260
Total	6,096,750	4,769,241	1,327,481	6,664,420	5,121,706	1,542,711

SOURCE: Commonwealth of Virginia, Department of Planning and Budget, *Virginia Population Projections 2000*. Richmond, Virginia, 1986.



TABLE 16.20
Population Projections for Virginia's Counties and Cities: 1990–2030

	1990	1995	2000	2010	2020	2030
Virginia	6,096,700	6,383,800	6,664,600	7,235,900	7,807,200	8,378,500
Counties						
Accomack	32,400	32,600	32,800	33,200	33,600	34,000
Albemarle	69,000	75,200	81,300	93,600	105,900	118,200
Alleghany	14,800	15,000	15,100	15,400	15,700	16,000
Amelia	9,200	9,700	10,200	11,200	12,200	13,200
Amherst	30,300	30,900	31,500	32,700	33,900	35,100
Appomattox	13,300	13,800	14,200	15,100	16,000	16,900
Arlington	156,300	158,300	160,200	164,100	168,000	171,900
Augusta	52,200	54,200	56,200	60,200	64,200	68,200
Bath	5,500	5,600	5,600	5,700	5,800	5,900
Bedford	44,000	47,800	51,500	59,000	66,500	74,000
Bland	7,100	7,300	7,500	7,900	8,300	8,700
Botetourt	25,900	26,700	27,500	29,100	30,700	32,300
Brunswick	16,300	16,500	16,600	16,900	17,200	17,500
Buchanan	40,100	41,100	42,000	43,900	45,800	47,700
Buckingham	12,600	12,600	13,000	13,400	13,800	14,200
Campbell	50,500	52,000	53,500	56,500	59,500	62,500
Caroline	20,600	21,700	22,700	24,800	26,900	29,000
Carroll	29,200	30,100	31,000	32,800	34,600	36,400
Charles City	6,900	7,100	7,300	7,700	8,100	8,500
Charlotte	11,400	11,400	11,300	11,300	11,300	11,300
Chesterfield	202,000	228,500	254,900	307,800	360,700	413,600
Clarke	10,900	11,300	11,700	12,500	13,300	14,100
Craig	4,400	4,600	4,700	5,000	5,300	5,600
Culpeper	25,400	26,400	27,400	29,400	31,400	33,400
Cumberland	8,600	9,000	9,300	10,000	10,700	11,400
Dickenson	21,800	22,800	23,800	25,800	27,800	29,800
Dinwiddie	21,400	21,900	22,300	23,200	24,100	25,000
Essex	9,300	9,500	9,700	10,100	10,500	10,900
Fairfax	737,300	773,700	810,000	882,700	955,400	1,028,100
Fauquier	45,300	48,800	52,200	59,100	66,000	72,900
Floyd	12,700	13,100	13,400	14,100	14,800	15,500
Fluvanna	11,700	12,400	13,000	14,300	15,600	16,900
Franklin	39,800	41,400	42,900	46,000	49,100	52,200
Frederick	40,800	43,400	46,000	51,200	56,400	61,600
Giles	18,400	18,600	18,800	19,200	19,600	20,000
Gloucester	30,000	33,800	37,500	45,000	52,500	60,000
Goochland	13,800	14,600	15,400	17,000	18,600	20,200
Grayson	17,300	17,500	17,700	18,100	18,500	18,900
Greene	9,700	10,600	11,400	13,100	14,800	16,500
Greensville	10,800	11,100	11,400	12,000	12,600	13,200
Halifax	30,800	30,900	31,000	31,200	31,400	31,600
Hanover	60,500	65,100	69,600	78,700	87,800	96,900
Henrico	208,000	218,000	228,000	248,000	268,000	288,000
Henry	58,000	58,300	58,500	59,000	59,500	60,000
Highland	3,200	3,300	3,400	3,600	3,800	4,000
Isle of Wight	24,500	25,400	26,200	27,900	29,600	31,300
James City	30,900	33,800	36,600	42,300	48,000	53,700
King and Queen	6,700	7,000	7,300	7,700	8,200	8,700
King George	12,800	13,900	15,000	17,200	19,400	21,600
King William	11,000	11,500	12,000	13,000	14,000	15,000
Lancaster	12,000	12,700	13,300	14,600	15,900	17,200
Lee	28,900	30,300	31,600	34,300	37,000	39,700
Loudoun	72,900	83,500	94,000	115,100	136,200	157,300
Louisa	20,500	21,400	22,300	24,100	25,900	27,700
Lunenburg	12,300	12,400	12,500	12,700	12,900	13,100
Madison	11,200	11,600	12,000	12,800	13,600	14,400
Mathews	9,500	10,000	10,500	11,500	12,500	13,500

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TABLE 16.20
Population Projections for Virginia's Counties
and Cities: 1990-2030, *CONTINUED*

	1990	1995	2000	2010	2020	2030
Mecklenburg	30,100	30,300	30,500	30,900	31,300	31,700
Middlesex	9,000	9,500	9,900	10,800	11,700	12,600
Montgomery	70,500	74,300	78,000	85,500	93,000	100,500
Nelson	12,600	12,800	12,900	13,200	13,500	13,800
New Kent	11,700	12,700	13,600	15,500	17,400	19,300
Northampton	14,800	14,900	14,900	15,000	15,100	15,200
Northumberland	10,400	10,700	11,000	11,600	12,200	12,800
Nottoway	15,100	15,300	15,500	15,900	16,300	16,700
Orange	20,900	21,900	22,900	24,900	26,900	28,900
Page	21,400	22,000	22,600	23,800	25,000	26,200
Patrick	18,400	18,700	18,900	19,400	19,900	20,400
Pittsylvania	68,800	69,700	70,600	72,400	74,200	76,000
Powhatan	16,000	17,500	18,900	21,800	24,700	27,600
Prince Edward	18,400	19,400	20,300	22,200	24,100	26,000
Prince George	29,000	30,300	31,600	34,200	36,800	39,400
Prince William	192,000	220,000	248,000	304,000	360,000	416,000
Pulaski	36,800	37,400	37,900	39,000	40,100	41,200
Rappahannock	6,300	6,400	6,500	6,700	6,900	7,100
Richmond	7,400	7,600	7,700	8,000	8,300	8,600
Roanoke	81,100	84,900	88,700	96,300	103,900	111,500
Rockbridge	19,000	19,400	19,800	20,600	21,400	22,200
Rockingham	57,800	60,400	63,000	68,200	73,400	78,600
Russell	34,800	36,300	37,700	40,600	43,500	46,400
Scott	26,200	26,500	26,800	27,400	28,000	28,600
Shenandoah	31,000	32,200	33,300	35,600	37,900	40,200
Smyth	34,600	35,100	35,500	36,400	37,300	38,200
Southampton	18,400	18,500	18,600	18,800	19,000	19,200
Spotsylvania	47,000	53,500	60,000	73,000	86,000	99,000
Stafford	56,700	63,600	70,400	84,100	97,800	111,500
Surry	6,400	6,500	6,600	6,800	7,000	7,200
Sussex	9,900	9,700	9,500	9,500	9,500	9,500
Tazewell	54,400	56,300	58,100	61,800	65,500	69,200
Warren	24,700	25,700	26,700	28,700	30,700	32,700
Washington	50,500	52,300	54,000	57,500	61,000	64,500
Westmoreland	14,600	14,900	15,200	15,800	16,400	17,000
Wise	49,000	51,300	53,600	58,200	62,800	67,400
Wythe	27,100	27,600	28,100	29,100	30,100	31,100
York	44,000	46,800	49,600	55,200	60,800	66,400
Cities						
Alexandria	109,700	111,600	113,400	117,100	120,800	124,500
Bedford	6,600	6,800	6,900	7,200	7,500	7,800
Bristol	18,300	18,200	18,000	18,000	18,000	18,000
Buena Vista	7,000	7,100	7,200	7,400	7,600	7,800
Charlottesville	42,000	42,700	43,400	44,800	46,200	47,600
Chesapeake	143,000	153,000	163,000	183,000	203,000	223,000
Clifton Forge	5,200	5,300	5,300	5,400	5,500	5,600
Colonial Heights	17,600	18,000	18,400	19,200	20,000	20,800
Covington	7,500	7,600	7,700	7,900	8,100	8,300
Danville	44,900	44,900	44,900	44,900	44,900	44,900
Emporia	4,600	4,600	4,500	4,500	4,500	4,500
Fairfax	21,000	21,300	21,500	22,000	22,500	23,000
Falls Church	9,700	9,800	9,900	10,100	10,300	10,500
Franklin	8,000	8,100	8,200	8,400	8,600	8,800
Fredericksburg	20,800	21,800	22,800	24,800	26,800	28,800
Galax	7,200	7,400	7,500	7,800	8,100	8,400
Hampton	128,700	130,600	132,500	136,300	140,100	143,900
Harrisonburg	28,700	30,100	31,500	34,300	37,100	39,900
Hopewell	24,900	25,300	25,600	26,300	27,000	27,700
Lexington	6,700	6,700	6,600	6,600	6,600	6,600

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TABLE 16.20
Population Projections for Virginia's Counties
and Cities: 1990–2030, *CONTINUED*

	1990	1995	2000	2010	2020	2030
Lynchburg	70,800	72,200	73,500	76,200	78,900	81,600
Manassas	21,500	24,400	27,200	32,900	38,600	44,300
Manassas Park	7,200	7,500	7,700	8,200	8,700	9,200
Martinsville	19,400	19,600	19,800	20,200	20,600	21,000
Newport News	165,100	170,900	176,600	188,100	199,600	211,100
Norfolk	274,700	277,400	280,000	285,300	290,600	295,900
Norton	5,000	5,100	5,200	5,400	5,600	5,800
Petersburg	39,400	39,100	38,800	38,800	38,800	38,800
Poquoson	11,700	13,000	14,300	16,900	19,500	22,100
Portsmouth	114,800	116,000	117,100	119,400	121,700	124,000
Radford	14,300	14,600	14,800	15,300	15,800	16,300
Richmond	214,300	213,500	212,700	212,700	212,700	212,700
Roanoke	100,000	100,000	100,000	100,000	100,000	100,000
Salem	24,800	25,100	25,300	25,800	26,300	26,800
South Boston	7,500	7,600	7,600	7,700	7,800	7,900
Staunton	25,000	25,200	25,400	25,800	26,200	26,600
Suffolk	55,500	60,000	64,500	73,500	82,500	91,500
Virginia Beach	362,600	394,400	426,200	489,800	553,400	617,000
Waynesboro	18,500	18,400	18,300	18,300	18,300	18,300
Williamsburg	11,400	12,000	12,600	13,800	15,000	16,200
Winchester	21,600	22,100	22,600	23,600	24,600	25,600
MSAs						
Bristol (Va. portion)	95,000	97,000	98,800	102,900	107,000	111,100
Charlottesville	132,400	140,900	149,100	165,800	182,500	199,200
Danville	113,700	114,600	115,500	117,300	119,100	120,900
Lynchburg	151,600	155,100	158,500	165,400	172,300	179,200
Norfolk	1,372,400	1,441,700	1,510,500	1,648,600	1,786,700	1,924,800
Northern Virginia	1,384,300	1,473,700	1,562,300	1,740,300	1,918,300	2,096,300
Richmond	865,500	911,600	957,100	1,050,900	1,144,700	1,238,500
Roanoke	231,800	236,700	241,500	251,200	260,900	270,600
Planning Districts						
LENOWISCO	109,100	113,200	117,200	125,300	133,400	141,500
Cumberland Plateau	151,100	156,500	161,600	172,100	182,600	193,100
Mount Rogers	191,300	195,500	199,300	207,600	215,900	224,200
New River Valley	152,700	158,000	162,900	173,100	183,300	193,500
Fifth	263,700	269,200	274,300	284,900	295,500	306,100
Central Shenandoah	223,600	230,400	237,000	250,700	264,400	278,100
Lord Fairfax	150,400	156,700	162,900	175,400	187,900	200,400
Northern Virginia	1,327,600	1,410,100	1,491,900	1,656,200	1,820,500	1,984,800
Rappahannock-Rapidan	109,100	115,100	121,000	132,900	144,800	156,700
Thomas Jefferson	165,500	175,100	184,300	203,100	221,900	240,700
Central Virginia	215,500	223,500	231,100	246,700	262,300	277,900
West Piedmont	249,300	252,600	255,600	261,900	268,200	274,500
Southside	84,700	85,300	85,700	86,700	87,700	88,700
Piedmont	87,600	90,000	92,100	96,700	101,300	105,900
Richmond Regional	733,200	777,000	820,400	909,200	998,000	1,086,800
RADCO	157,900	174,500	190,900	223,900	256,900	289,900
Northern Neck	44,400	45,900	47,200	50,000	52,800	55,600

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TABLE 16.20
Population Projections for Virginia's Counties
and Cities: 1990–2030, *CONTINUED*

	1990	1995	2000	2010	2020	2030
Middle Peninsula	75,500	81,300	86,800	98,100	109,400	120,700
Crater	164,000	166,500	168,700	174,500	180,300	186,100
Southeastern Virginia Peninsula	1,001,500	1,052,800	1,103,800	1,206,100	1,308,400	1,410,700
Accomack–Northampton	391,800	407,100	422,200	452,600	483,000	513,400
	47,200	47,500	47,700	48,200	48,700	49,200

SOURCE: Commonwealth of Virginia, Department of Planning and Budget, *Virginia Population Projections 2000*, Richmond, Virginia, 1986.

NOTES: A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 16.21
Historic Census Counts for Virginia's Counties and Cities: 1900–1960

	1960	1950	1940	1930	1920	1910	1900
Virginia	3,967.0	3,314.1	2,680.3	2,421.9	2,309.2	2,061.6	1,844.5
Counties							
Accomack	30,635	33,832	33,030	35,854	34,795	36,650	32,570
Albemarle	30,969	26,662	24,652	26,981	26,005	29,871	28,473
Alleghany	12,128	7,279	16,388	13,650	9,699	9,939	9,801
Amelia	7,815	7,908	8,495	8,979	9,800	8,720	9,037
Amherst	22,953	20,332	20,273	19,020	19,771	18,932	17,864
Appomattox	9,148	8,764	9,020	8,402	9,255	8,904	8,662
Arlington	163,401	135,449	57,040	26,615	16,040	10,231	6,430
Augusta	37,363	34,154	35,399	31,937	30,865	29,424	30,244
Bath	5,335	6,296	7,191	8,137	6,389	6,538	5,595
Bedford	25,107	25,566	25,714	25,378	27,426	27,041	27,940
Bland	5,982	6,436	6,731	6,031	5,593	5,154	5,497
Botetourt	16,715	15,766	16,447	15,457	16,557	17,727	17,161
Brunswick	17,779	20,136	19,575	20,486	21,025	19,244	18,217
Buchanan	36,724	35,748	31,477	16,740	15,441	18,334	9,692
Buckingham	10,877	12,288	13,398	13,315	14,885	15,204	15,266
Campbell	32,958	28,877	26,048	22,885	26,716	23,043	23,256
Caroline	12,725	12,471	13,945	15,263	15,954	16,596	16,709
Carroll	23,178	24,092	24,514	21,190	20,920	20,994	19,303
Charles City	5,492	4,676	4,275	4,881	4,793	5,253	5,040
Charlotte	13,368	14,057	15,861	16,061	17,540	15,785	15,343
Chesterfield	71,197	40,400	27,989	23,718	20,496	21,299	18,804
Clarke	7,942	7,074	7,159	7,167	7,165	7,468	7,927
Craig	3,356	3,452	3,769	3,562	4,100	4,711	4,293
Culpeper	15,088	13,242	13,365	13,306	13,292	13,472	14,123
Cumberland	6,360	7,252	7,505	7,535	9,111	9,195	8,996
Dickenson	20,211	23,393	21,266	16,163	13,542	9,199	7,747
Dinwiddie	22,183	18,839	18,166	18,492	17,949	15,442	15,374
Essex	6,690	6,530	7,006	6,976	8,542	9,105	9,701
Fairfax	261,417	96,611	37,374	23,155	20,057	19,176	17,318
Fauquier	24,066	21,248	21,039	21,071	21,869	22,526	23,374
Floyd	10,462	11,351	11,967	11,698	13,115	14,092	15,388
Fluvanna	7,227	7,121	7,088	7,466	8,547	8,323	9,050
Franklin	25,925	24,560	25,864	24,337	26,283	26,480	25,953

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TABLE 16.21
Historic Census Counts for Virginia's Counties
and Cities: 1900–1960, *CONTINUED*

	1960	1950	1940	1930	1920	1910	1900
Frederick	21,941	17,537	14,008	13,167	12,461	12,787	13,239
Giles	17,219	18,956	14,635	12,804	11,901	11,623	10,793
Gloucester	11,919	10,343	9,548	11,019	11,894	12,477	12,832
Goochland	9,206	8,934	8,454	7,953	8,863	9,237	9,519
Grayson	17,390	18,734	20,111	18,424	18,929	19,223	16,853
Greene	4,715	4,745	5,218	5,980	6,369	6,937	6,214
Greensville	10,620	10,655	12,131	11,244	9,737	9,872	8,731
Halifax	33,637	35,385	36,019	36,442	37,036	36,528	35,346
Hanover	27,550	21,985	18,500	17,009	18,088	17,200	17,618
Henrico	117,339	57,340	41,960	30,310	18,972	23,437	30,062
Henry	40,335	31,219	26,481	20,088	16,163	15,091	16,881
Highland	3,221	4,069	4,875	4,525	4,931	5,317	5,647
Isle of Wight	17,164	14,906	13,381	13,409	14,433	14,929	13,102
James City	11,539	6,317	4,907	3,879	3,676	3,624	3,688
King and Queen	5,889	6,299	6,954	7,618	9,161	9,576	9,265
King George	7,243	6,710	5,431	5,297	5,762	6,378	6,918
King William	7,563	7,589	7,855	7,929	8,739	8,547	8,380
Lancaster	9,174	8,640	8,786	8,896	9,757	9,752	8,949
Lee	25,824	36,106	39,296	30,419	25,293	23,840	19,856
Loudoun	24,549	21,147	20,291	19,852	20,577	21,167	21,948
Louis	12,959	12,826	13,665	14,309	17,089	16,578	16,517
Lunenburg	12,523	14,116	13,844	14,058	15,260	12,780	11,705
Madison	8,187	8,273	8,465	8,952	9,595	10,055	10,216
Mathews	7,121	7,148	7,149	7,884	8,447	8,922	8,239
Mecklenburg	31,428	33,497	31,933	32,622	31,208	28,956	26,551
Middlesex	6,319	6,715	6,673	7,273	8,157	8,852	8,220
Montgomery	32,923	29,780	21,206	19,605	18,595	17,268	15,852
Nelson	12,752	14,042	16,241	16,345	17,277	16,821	16,075
New Kent	4,504	3,995	4,092	4,300	4,541	4,682	4,865
Northampton	16,966	17,300	17,597	18,565	17,852	16,672	13,770
Northumberland	10,185	10,012	10,463	11,081	11,518	10,777	9,846
Nottingham	15,141	15,479	15,556	14,866	14,161	13,462	12,366
Orange	12,900	12,755	12,649	12,070	13,320	13,486	12,571
Page	15,572	15,152	14,863	14,852	14,770	14,147	13,794
Patrick	15,282	15,642	16,613	15,787	16,850	17,195	15,403
Pittsylvania	58,296	66,096	61,697	61,424	56,493	50,709	46,894
Powhatan	6,747	5,556	5,671	6,143	6,552	6,099	6,824
Prince Edward	14,121	15,398	14,922	14,520	14,767	14,266	15,045
Prince George	20,270	19,679	12,226	10,311	12,915	7,848	7,752
Prince William	41,267	20,808	16,436	12,736	12,355	10,809	10,295
Pulaski	27,258	27,758	22,767	20,566	17,111	17,246	14,609
Rappahannock	5,368	6,112	7,208	7,717	8,070	8,044	8,843
Richmond	6,375	6,189	6,634	6,878	7,434	7,415	7,088
Roanoke	45,635	34,663	37,160	30,456	18,236	15,774	12,425
Rockbridge	16,502	17,383	18,470	17,150	17,756	18,240	18,596
Rockingham	40,485	35,079	31,289	29,709	30,047	30,024	30,006
Russell	26,290	26,818	26,627	25,957	26,786	23,474	18,031
Scott	25,813	27,640	26,989	24,181	24,776	23,814	22,694
Sherandoah	21,825	21,169	20,898	20,655	20,808	20,942	20,253
Smyth	31,066	30,187	28,861	25,125	22,125	20,326	17,121
Southampton	19,931	21,852	22,976	23,940	25,192	24,031	21,705
Spotsylvania	13,819	11,920	9,905	10,056	10,571	9,935	9,239
Stafford	16,876	11,902	9,548	8,050	8,104	8,070	8,097
Surry	6,220	6,220	6,193	7,096	9,305	9,715	8,469
Sussex	12,411	12,785	12,485	12,100	12,834	13,664	12,082
Tazewell	44,791	47,512	41,607	32,477	27,840	24,946	23,384
Warren	14,655	14,801	11,352	8,340	8,852	8,569	8,837
Washington	38,076	37,536	38,197	33,850	32,376	32,830	28,995
Westmoreland	11,042	10,148	9,512	8,497	10,240	9,313	9,243

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TABLE 16.21

Historic Census Counts for Virginia's Counties
and Cities: 1900-1960, *CONTINUED*

	1960	1950	1940	1930	1920	1910	1900
Wise	43,579	52,021	48,452	48,090	43,432	32,296	18,999
Wythe	21,975	23,327	22,721	20,704	20,217	20,372	20,437
York	17,305	11,750	8,857	7,615	8,046	7,757	7,482
Cities							
Alexandria	91,023	61,787	33,523	24,149	18,060	15,329	14,528
Bedford	5,921	4,061	3,973	3,713	3,243	2,508	2,416
Bristol	17,144	15,954	9,768	8,840	6,729	6,247	4,579
Buena Vista	6,300	5,214	4,335	4,002	3,911	3,245	2,388
Charlottesville	29,427	25,969	19,400	15,245	10,688	6,765	6,449
Chesapeake	73,647	110,371	43,866	37,939	57,358	52,744	50,780
Clifton Forge	5,268	5,795	6,461	6,839	6,164	5,748	3,579
Colonial Heights	9,587	6,077	3,194	2,331	...	...	...
Covington	11,062	5,960	6,300	6,538	5,623	4,234	2,950
Danville	46,577	35,066	32,749	22,247	21,539	19,020	16,520
Emporia	5,535	5,664	2,735	2,144	1,869	2,018	1,027
Fairfax	13,585	1,946	979	640	516	413	373
Falls Church	10,192	7,535	2,576	1,469	1,370	947	889
Franklin	7,264	4,670	3,466	2,930	2,363	2,271	1,143
Fredericksburg	13,639	12,158	10,006	6,819	5,882	5,874	5,068
Galax	5,254	5,248	3,195	2,544	1,250	755	...
Hampton	89,258	60,994	38,181	26,217	25,249	21,225	19,460
Harrisonburg	11,916	10,810	8,768	7,232	5,875	4,879	3,521
Hopewell	17,895	10,219	8,679	11,327	1,397	...	...
Lexington	7,537	5,976	3,914	3,752	2,870	2,931	3,203
Lynchburg	54,790	47,727	44,541	40,661	30,070	29,494	18,891
Manassas	3,555	1,804	1,302	1,215	1,305	1,217	817
Manassas Park	5,342	...	...	...	...	...	...
Martinsville	18,798	17,251	10,080	7,705	4,075	3,368	2,384
Newport News	113,662	82,233	46,315	43,246	47,013	26,246	24,523
Norfolk	304,869	213,513	144,332	129,710	115,777	67,452	46,624
Norton	5,013	4,315	4,006	3,077	3,068	1,866	654
Petersburg	36,750	35,054	30,631	28,564	31,012	24,127	21,810
Poquoson	4,278	...	...	...	...	...	...
Portsmouth	114,773	80,039	50,745	45,704	54,387	33,190	17,427
Radford	9,371	9,026	6,990	6,227	4,627	4,202	3,344
Richmond	219,958	230,310	193,042	182,929	171,667	127,628	85,050
Roanoke	97,110	91,921	69,287	69,206	50,842	34,874	21,495
Salem	18,058	6,823	5,737	4,833	4,159	3,849	3,412
South Boston	5,974	6,057	5,252	4,841	4,338	3,516	1,851
Staunton	22,232	19,927	13,337	11,990	10,623	10,604	7,289
Suffolk	43,975	37,577	34,114	32,801	29,322	26,886	23,078
Virginia Beach	85,218	47,667	22,584	16,282	13,626	11,526	11,192
Waynesboro	15,694	12,357	7,373	6,226	3,806	3,021	2,126
Williamsburg	6,832	6,735	3,942	3,778	2,462	2,714	2,044
Winchester	15,110	13,841	12,095	10,855	6,883	5,864	5,161
MSAs							
Bristol (Va. portion)	81,033	73,985	66,920	65,484	58,418	6,247	4,579
Charlottesville	72,338	65,699	57,847	57,486	51,957	36,636	34,922
Danville	104,873	96,490	89,242	72,956	68,433	19,020	16,520
Lynchburg	110,701	94,048	86,446	62,636	71,190	29,494	18,891
Norfolk	877,275	661,642	407,695	359,535	369,196	241,983	195,128
Northern Virginia	631,207	208,124	129,186	96,926	85,339	17,906	16,607
Richmond	568,678	408,116	352,568	335,648	319,934	151,755	106,860
Roanoke	175,518	145,647	108,717	107,540	84,587	38,723	24,907

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TABLE 16.21
Historic Census Counts for Virginia's Counties
and Cities: 1900–1960, *CONTINUED*

	1960	1950	1940	1930	1920	1910	1900
Planning Districts							
LENOWISCO	100,229	107,005	97,507	83,027	64,617	1,866	654
Cumberland							
Plateau	128,016	111,177	87,529	69,953	58,854	...	...
Mount Rogers	160,065	150,550	133,831	130,283	116,185	7,002	4,579
New River Valley	97,233	75,799	66,295	66,456	61,269	4,202	3,344
Fifth	207,332	168,350	141,428	139,278	110,366	58,644	41,237
Central							
Shenandoah	166,585	148,258	130,535	122,745	117,173	24,680	18,527
Lord Fairfax	97,045	78,855	76,859	74,788	70,933	5,864	5,161
Northern Virginia	614,331	200,074	121,082	88,856	77,242	17,906	16,607
Rappahannock-							
Rapidan	65,609	63,143	65,362	67,583	69,127	...	...
Thomas Jefferson	98,049	96,353	92,253	90,885	84,549	36,636	34,922
Central Virginia	150,877	132,843	124,199	122,294	112,035	32,002	21,307
West Piedmont	205,213	175,480	156,672	139,427	130,745	22,388	18,904
Southside	88,818	94,696	93,982	89,569	84,452	3,516	1,851
Piedmont	80,205	88,116	89,594	89,671	88,521	8,720	9,037
Richmond Regional	461,993	328,289	278,657	270,136	264,399	127,628	85,050
RADCO	64,302	49,506	49,706	47,798	46,845	5,874	5,068
Northern Neck	36,776	35,352	38,949	37,257	35,126	...	...
Middle Peninsula	45,501	48,729	53,374	57,479	56,637	...	...
Crater	141,471	115,931	108,522	100,907	86,686	26,145	22,837
Southeastern							
Virginia	666,841	531,186	338,732	304,326	307,640	194,069	150,244
Peninsula	242,874	161,456	100,160	84,622	85,894	50,185	46,027
Accomack-							
Northampton	47,601	52,397	50,882	52,526	48,565	36,650	32,570

SOURCE: Martin, Julia H. and Michael A. Spar. *Intercensal Estimates and Decennial Census Counts for Virginia Localities, 1790-1980*. Tayloe Murphy Institute, University of Virginia, Charlottesville, Virginia, 1983.

NOTES: Data for Virginia are in thousands.

In several instances the population of independent cities are listed for census years prior to their becoming independent. In these cases the city population has been subtracted from the appropriate county population to avoid double counting. See original source for complete details.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 16.22
1970 Enumerated Population and Intercensal Population
Estimates for Virginia's Counties and Cities: 1970-1974

	Estimate				Census 1970
	1974	1973	1972	1971	
Virginia	4,978,000	4,907,000	4,828,000	4,753,000	4,651,448
Counties					
Accomack	30,600	29,600	28,700	28,600	29,004
Albemarle	45,700	43,500	42,000	38,500	37,780
Alleghany	12,500	13,400	13,200	13,400	12,461
Amelia	8,200	8,000	7,900	7,700	7,592
Amherst	27,300	27,500	27,600	26,800	26,072
Appomattox	10,700	10,300	10,400	10,000	9,784
Arlington	157,000	164,500	173,100	174,600	174,284
Augusta	48,300	48,000	47,300	46,500	44,220
Bath	4,900	5,300	5,300	5,300	5,192
Bedford	29,600	28,800	27,700	27,900	25,242
Bland	5,600	5,600	5,600	5,700	5,423
Botetourt	20,400	19,800	19,300	18,600	18,193
Brunswick	16,000	16,100	16,200	16,200	16,172
Buchanan	35,000	34,800	34,200	33,700	32,071
Buckingham	11,000	10,800	10,700	10,800	10,597
Campbell	49,800	48,600	47,600	44,900	34,248
Caroline	15,900	15,200	15,000	14,500	13,925
Carroll	25,100	24,700	24,100	23,500	23,092
Charles City	6,700	6,600	6,300	6,400	6,158
Charlotte	12,300	12,300	12,600	12,800	12,366
Chesterfield	99,800	93,300	87,200	82,600	77,045
Clarke	9,000	8,800	8,700	8,500	8,102
Craig	3,600	2,600	3,600	3,500	3,524
Cupeper	20,500	19,700	19,200	18,900	18,218
Cumberland	7,100	6,900	6,400	6,300	6,179
Dickenson	17,800	17,600	17,300	16,600	16,077
Dinwiddie	20,800	22,400	22,400	25,400	21,668
Essex	8,300	7,800	7,600	7,400	7,099
Fairfax	514,700	508,900	497,600	465,000	454,275
Fauquier	30,000	28,400	28,100	27,600	26,375
Floyd	10,400	10,200	10,200	10,000	9,775
Fluvanna	8,500	8,400	8,000	8,000	7,621
Franklin	31,300	30,500	30,300	29,400	28,163
Frederick	28,300	27,800	26,500	26,000	24,107
Giles	16,900	16,900	16,800	16,900	16,741
Gloucester	17,200	16,400	15,300	14,700	14,059
Goochland	10,800	10,400	10,200	10,100	10,069
Grayson	16,000	16,300	16,000	16,400	15,439
Greene	5,900	5,600	5,400	5,500	5,248
Greensville	10,200	9,800	9,800	9,700	9,604
Halifax	30,600	30,100	30,500	30,300	30,076
Hanover	44,000	43,500	41,800	39,400	37,479
Henrico	165,900	163,300	162,100	159,000	154,364
Henry	55,300	54,200	53,200	52,400	50,901
Highland	2,400	2,500	2,500	2,600	2,529
Isle of Wight	20,000	19,800	19,500	19,300	18,285
James City	19,400	19,200	19,700	18,600	17,853
King and Queen	5,800	5,700	5,500	5,500	5,491
King George	8,900	8,700	8,400	8,300	8,039
King William	8,200	7,900	7,700	7,400	7,497
Lancaster	9,500	9,400	9,200	9,000	9,126
Lee	23,100	22,400	22,200	21,900	20,321
Loudoun	47,500	43,800	40,500	38,500	37,150

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TABLE 16.22
1970 Enumerated Population and Intercensal Population Estimates
for Virginia's Counties and Cities: 1970-1974, *CONTINUED*

	Estimates				Census 1970
	1974	1973	1972	1971	
Louisa	16,600	15,900	15,500	15,300	14,004
Lunenburg	12,100	11,900	12,000	11,600	11,687
Madison	9,900	9,700	9,200	8,900	8,638
Mathews	8,000	7,900	7,900	7,500	7,168
Mecklenburg	30,200	30,400	30,000	30,300	29,426
Middlesex	6,700	6,600	6,600	6,200	6,295
Montgomery	57,000	54,000	51,300	48,500	46,813
Nelson	11,900	11,800	11,700	11,400	11,702
New Kent	7,000	6,500	6,000	5,400	5,300
Northampton	14,900	15,100	15,100	14,700	14,442
Northumberland	9,400	9,400	9,200	9,700	9,239
Nottoway	14,400	14,500	14,500	14,600	14,260
Orange	16,100	15,500	15,000	14,700	13,792
Page	18,400	17,800	17,600	17,100	16,581
Patrick	16,700	16,400	16,200	16,000	15,282
Pittsylvania	62,000	61,500	60,700	59,800	58,782
Powhatan	10,000	9,500	9,300	8,200	7,696
Prince Edward	16,100	15,500	15,700	14,900	14,379
Prince George	19,600	20,700	21,500	28,500	24,371
Prince William	123,000	116,900	107,400	101,000	93,500
Pulaski	33,300	32,100	30,600	30,600	29,564
Rappahannock	5,400	5,200	5,300	5,200	5,199
Richmond	6,300	6,400	6,300	6,500	6,504
Roanoke	60,800	59,000	75,300	71,100	53,817
Rockbridge	17,100	17,100	17,000	16,900	16,637
Rockingham	53,900	52,800	52,600	50,200	47,890
Russell	26,500	26,500	25,600	25,200	24,533
Scott	24,900	24,900	25,100	24,900	24,376
Shenandoah	24,800	24,500	24,300	23,800	22,852
Smyth	33,100	32,700	32,300	32,300	31,349
Southampton	18,300	18,400	18,600	18,500	18,582
Spotsylvania	21,700	19,600	18,800	17,900	16,424
Stafford	29,800	28,100	26,700	25,600	24,587
Surry	5,800	5,700	5,800	5,700	5,882
Sussex	11,300	11,500	11,500	11,500	11,464
Tazewell	44,600	43,500	42,800	41,900	39,816
Warren	18,600	17,600	17,000	16,300	15,301
Washington	40,700	45,200	44,700	43,100	36,033
Westmoreland	13,300	13,300	12,900	12,900	12,142
Wise	39,700	38,900	37,900	37,200	35,947
Wythe	23,800	23,200	22,600	22,900	22,139
York	30,100	30,200	29,700	28,800	27,762
Cities					
Alexandria	108,600	109,900	108,200	110,400	110,927
Bedford	6,100	5,900	5,900	6,100	6,011
Bristol	19,700	14,800	14,600	14,700	19,659
Buena Vista	7,000	6,700	6,600	6,100	6,425
Charlottesville	41,900	41,500	40,200	39,200	38,880
Chesapeake	102,500	98,100	94,400	91,900	89,580
Clifton Forge	5,300	5,500	5,700	5,700	5,501
Colonial Heights	16,900	16,800	16,700	15,800	15,097
Covington	9,600	9,800	9,900	10,000	10,060
Danville	47,400	47,800	47,900	47,300	46,398
Emporia	5,000	5,300	5,300	5,300	5,300
Fairfax	20,900	19,700	21,400	21,700	22,727
Falls Church	10,500	10,300	10,500	10,700	10,772

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TABLE 16.22

1970 Enumerated Population and Intercensal Population Estimates
for Virginia's Counties and Cities: 1970-1974, *CONTINUED*

	Estimates				Census 1970
	1974	1973	1972	1971	
Franklin	7,000	7,000	6,700	6,800	6,880
Fredericksburg	16,200	15,900	15,000	14,700	14,450
Galax	6,600	6,300	6,100	6,100	6,278
Hampton	129,000	128,300	127,800	121,500	120,779
Harrisonburg	17,800	16,500	15,700	15,000	14,605
Hopewell	23,700	23,800	24,100	24,300	23,471
Lexington	7,200	7,300	7,400	7,600	7,597
Lynchburg	54,900	55,500	55,600	55,800	64,640
Manassas	12,000	11,200	11,100	11,200	10,758
Manassas Park	7,900	7,700	7,300	7,100	6,844
Martinsville	19,200	19,500	19,500	19,500	19,653
Newport News	141,000	139,800	138,600	140,000	138,177
Norfolk	288,700	288,000	286,300	302,300	307,951
Norton	4,300	4,300	4,600	4,300	4,172
Petersburg	45,200	43,900	44,700	36,000	44,202
Poquoson	6,200	6,200	6,000	5,700	5,441
Portsmouth	108,600	110,600	108,000	111,600	110,963
Radford	11,800	11,600	12,200	12,100	11,940
Richmond	232,800	236,100	235,100	245,300	249,431
Roanoke	92,800	92,800	92,500	93,700	105,637
Salem	22,600	22,600	22,700	22,100	21,982
South Boston	6,900	7,000	7,000	7,000	6,889
Staunton	23,500	23,300	24,000	24,500	24,504
Suffolk	48,900	48,300	47,900	46,200	45,024
Virginia Beach	210,600	198,700	188,700	180,400	172,106
Waynesboro	17,100	16,800	17,300	16,800	16,707
Williamsburg	10,200	9,700	9,700	9,700	9,069
Winchester	20,400	18,900	19,200	19,900	19,429
MSAs					
Bristol (Va. portion)	85,300	84,900	84,400	82,700	80,068
Charlottesville	102,000	99,000	95,600	91,200	89,529
Danville	109,400	109,300	108,600	107,100	105,180
Lynchburg	132,000	131,600	130,800	127,500	124,960
Norfolk	1,112,400	1,093,500	1,072,100	1,071,400	1,058,764
Northern Virginia	1,031,900	1,021,000	1,003,800	965,800	945,824
Richmond	703,200	696,800	687,400	686,400	676,351
Roanoke	216,600	214,200	209,800	205,500	199,629
Planning Districts					
LENOWISCO	92,000	90,500	89,800	88,300	84,816
Cumberland Plateau	123,900	122,400	119,900	117,400	112,497
Mount Rogers	170,600	168,800	166,000	164,700	159,412
New River Valley	129,400	124,800	121,100	118,100	114,833
Fifth	247,600	246,500	242,200	238,100	231,175
Central Shenandoah	199,200	196,300	195,700	191,500	186,306
Lord Fairfax	119,500	115,400	113,300	111,600	106,372
Northern Virginia	1,002,100	992,900	977,100	940,200	921,237
Rappahannock-Rapidan	81,900	78,500	76,800	75,300	72,222
Thomas Jefferson	130,500	126,700	122,800	117,900	115,235
Central Virginia	178,400	176,600	174,800	171,500	165,997
West Piedmont	231,900	229,900	227,800	224,400	219,179
Southside	83,700	83,600	83,700	83,800	82,563
Piedmont	81,200	79,900	79,800	78,700	77,060
Richmond Regional	577,000	569,200	558,000	556,400	547,542
RADCO	92,500	87,500	83,900	81,000	77,425
Northern Neck	38,500	38,500	37,600	38,200	37,011

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TABLE 16.22
1970 Enumerated Population and Intercensal Population Estimates
for Virginia's Counties and Cities: 1970-1974, *CONTINUED*

	Estimates				Census 1970
	1974	1973	1972	1971	
Middle Peninsula	54,200	52,300	50,600	48,700	47,609
Crater	158,500	159,900	161,800	162,200	161,059
Southeastern Virginia	804,600	788,900	770,100	777,000	769,371
Peninsula	335,900	333,400	331,500	324,300	319,081
Accomack-Norhampton	45,500	44,700	43,800	43,300	43,446

SOURCE: Martin, Julia H. and Michael A. Spar. *Intercensal Estimates and Decennial Census Counts for Virginia Localities, 1790-1980*. Tayloe Murphy Institute, University of Virginia, Charlottesville, Virginia, 1983.

NOTES: Locality estimates rounded to nearest hundred, state estimates rounded to nearest thousand.
 A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
 A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 16.23
Intercensal Population Estimates for Virginia's
Counties and Cities: 1975-1979

	Estimates				
	1979	1978	1977	1976	1975
Virginia	5,325,000	5,284,000	5,206,000	5,133,000	5,056,000
Counties					
Accomack	31,500	31,300	30,900	30,900	30,900
Albemarle	55,100	53,300	52,000	50,700	49,300
Alleghany	14,600	14,300	13,800	13,600	12,600
Amelia	8,400	8,400	8,500	8,500	8,400
Amherst	28,900	28,300	27,700	27,800	27,600
Appomattox	12,200	11,800	11,600	11,400	11,200
Arlington	154,200	154,800	156,800	158,900	157,000
Augusta	52,300	52,200	51,800	51,000	50,300
Bath	5,600	5,500	5,100	5,200	5,400
Bedford	34,500	33,100	31,500	30,200	29,900
Bland	6,400	6,300	6,100	5,700	5,600
Botetourt	23,000	22,600	22,100	21,600	21,100
Brunswick	16,100	16,000	15,900	16,000	16,100
Buchanan	38,300	38,500	38,600	37,700	35,900
Buckingham	11,700	11,500	11,200	11,200	11,200
Campbell	45,300	45,000	44,100	42,500	41,800
Caroline	18,400	18,000	17,600	17,000	16,600
Carroll	27,200	27,000	26,600	26,200	26,000
Charles City	6,700	6,800	6,600	6,500	6,500
Charlotte	12,400	12,700	12,500	12,500	12,600
Chesterfield	135,700	128,000	121,900	114,800	107,200
Clarke	10,000	9,800	9,500	9,300	9,100
Craig	3,800	3,800	3,700	3,700	3,600
Culpeper	22,900	22,700	21,900	21,500	21,000
Cumberland	7,600	7,600	7,500	7,300	7,300

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TABLE 16.23
Intercensal Population Estimates for Virginia's
Counties and Cities: 1975-1979, *CONTINUED*

	Estimates				
	1979	1978	1977	1976	1975
Dickenson	20,200	19,700	19,600	18,900	17,900
Dinwiddie	22,100	22,200	21,800	20,800	20,400
Essex	9,100	9,100	9,000	8,700	8,500
Fairfax	581,100	567,000	549,200	541,700	524,400
Fauquier	35,200	34,300	32,700	31,500	30,400
Floyd	11,500	11,500	11,100	10,800	10,700
Fluvanna	10,100	10,000	9,700	9,700	8,900
Franklin	35,900	35,000	34,400	33,200	32,500
Frederick	33,600	32,500	31,100	29,600	29,600
Giles	18,100	18,000	17,700	17,600	17,300
Gloucester	19,800	19,000	18,200	17,700	17,500
Goochland	11,800	11,600	11,400	11,200	11,200
Grayson	16,200	16,400	16,200	15,900	15,800
Greene	7,400	7,200	6,800	6,700	6,300
Greensville	10,700	10,700	10,600	10,400	10,300
Halifax	30,800	30,800	30,600	30,800	30,900
Hanover	51,100	50,800	49,200	47,600	46,300
Henrico	177,900	174,100	171,700	172,200	169,200
Henry	58,000	57,400	56,600	55,700	55,600
Highland	2,700	2,500	2,400	2,300	2,400
Isle of Wight	21,900	21,700	21,000	20,900	20,300
James City	21,700	21,600	21,400	21,300	19,300
King and Queen	6,100	6,100	6,200	6,100	5,900
King George	10,200	9,900	9,700	9,500	9,200
King William	9,100	8,900	8,600	8,300	8,300
Lancaster	10,400	10,400	9,900	9,800	9,800
Lee	26,000	25,700	25,500	25,200	24,000
Loudoun	56,400	55,700	54,000	52,300	50,300
Louisa	18,200	18,200	18,000	17,400	16,800
Lunenburg	12,200	12,200	12,100	12,300	12,200
Madison	10,300	10,300	10,000	10,000	10,000
Mathews	8,100	8,300	8,200	8,200	8,100
Mecklenburg	30,100	30,300	30,000	29,800	29,900
Middlesex	7,500	7,300	7,400	7,000	7,000
Montgomery	62,700	61,600	60,500	59,100	58,400
Nelson	12,500	12,400	12,200	12,200	12,100
New Kent	8,400	8,300	7,700	7,500	7,300
Northampton	15,100	15,400	15,200	15,300	15,100
Northumberland	9,800	9,900	9,900	9,800	9,700
Nottoway	14,700	14,800	15,000	14,500	14,500
Orange	18,000	17,600	17,600	17,100	16,300
Page	19,400	19,500	19,200	19,000	18,700
Patrick	17,700	17,600	17,400	16,900	17,000
Pittsylvania	66,500	65,800	65,300	65,200	64,000
Powhatan	12,900	12,700	11,800	10,900	10,300
Prince Edward	16,500	16,500	16,800	16,600	16,200
Prince George	25,800	25,400	25,500	23,100	20,300
Prince William	142,900	140,700	134,200	130,000	127,900
Pulaski	36,000	35,800	35,000	34,600	34,100
Rappahannock	6,100	5,900	5,800	5,600	5,600
Richmond	6,900	6,900	6,800	6,600	6,600
Roanoke	72,800	71,400	72,000	67,700	65,700
Rockbridge	17,900	17,800	17,600	17,500	17,400
Rockingham	57,400	57,400	56,100	55,600	54,600
Russell	31,400	30,700	29,700	28,900	27,200
Scott	25,300	25,200	25,200	25,100	24,900
Shenandoah	27,400	27,100	26,600	25,900	26,000

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TABLE 16.23
Intercensal Population Estimates for Virginia's
Counties and Cities: 1975-1979, *CONTINUED*

	Estimates				
	1979	1978	1977	1976	1975
Counties					
Smyth	33,800	33,900	33,600	33,300	32,900
Southampton	18,600	19,100	18,700	18,500	18,100
Spotsylvania	33,300	31,500	28,700	25,500	23,700
Stafford	39,300	37,700	35,000	32,900	31,100
Surry	6,000	6,100	6,100	6,300	6,300
Sussex	11,000	11,100	11,300	11,400	11,400
Tazewell	50,800	50,500	49,600	48,000	45,900
Warren	21,100	21,100	20,400	19,700	19,200
Washington	45,700	45,100	43,800	42,900	42,100
Westmoreland	13,900	13,900	13,700	13,400	13,400
Wise	43,900	44,400	43,700	43,100	40,900
Wythe	25,300	25,300	24,500	24,400	24,000
York	34,700	33,900	32,900	31,200	30,000
Cities					
Alexandria	102,700	105,700	106,300	107,300	108,200
Bedford	5,900	6,000	5,900	6,500	6,200
Bristol	19,200	19,300	19,500	19,300	19,400
Buena Vista	6,900	6,700	6,700	6,700	6,700
Charlottesville	40,100	40,500	41,100	41,700	42,200
Chesapeake	114,500	114,000	112,200	108,800	105,200
Clifton Forge	5,200	5,200	5,200	5,300	5,300
Colonial Heights	16,800	17,200	16,900	17,000	17,100
Covington	9,100	9,200	9,100	9,200	9,500
Danville	45,900	45,900	45,800	45,400	47,000
Emporia	4,900	4,900	4,800	5,000	5,300
Fairfax	18,500	18,900	19,400	20,200	20,800
Falls Church	9,200	9,200	9,200	9,400	9,900
Franklin	7,400	7,400	7,100	7,100	7,300
Fredericksburg	16,000	16,100	16,200	16,100	16,200
Galax	6,400	6,500	6,500	6,500	6,600
Hampton	124,200	126,000	127,400	127,100	129,000
Harrisonburg	19,500	19,300	19,200	18,600	18,900
Hopewell	23,600	24,100	23,900	24,000	23,700
Lexington	7,400	7,500	7,500	7,000	7,500
Lynchburg	67,300	67,200	66,200	67,100	67,600
Manassas	14,500	13,900	13,600	12,600	12,800
Manassas Park	6,700	6,800	6,900	7,000	7,900
Martinsville	19,000	18,800	18,600	19,200	19,200
Newport News	147,900	149,400	148,000	145,800	142,500
Norfolk	269,400	277,400	281,700	282,200	285,200
Norton	4,700	4,600	4,600	4,600	4,500
Petersburg	42,600	43,200	43,600	45,700	46,300
Poquoson	8,300	8,100	7,600	7,000	6,700
Portsmouth	104,900	106,200	106,500	106,900	106,900
Radford	13,200	13,200	13,000	12,400	12,200
Richmond	219,500	219,800	223,500	226,200	227,700
Roanoke	102,000	103,200	101,800	105,400	105,900
Salem	24,400	24,300	25,000	24,000	24,600
South Boston	7,100	7,200	7,300	6,800	6,800
Staunton	22,100	22,300	22,500	22,800	22,900
Suffolk	49,300	51,600	48,700	48,000	49,000
Virginia Beach	254,500	244,300	236,400	224,500	218,000
Waynesboro	15,900	16,300	16,300	16,500	16,900
Williamsburg	10,600	10,400	10,300	10,600	10,000
Winchester	20,900	21,000	20,800	20,900	20,100

CONTINUED ➡

TABLE 16.23
Intercensal Population Estimates for Virginia's
Counties and Cities: 1975-1979, *CONTINUED*

	Estimates				
	1979	1978	1977	1976	1975
MSAs					
Bristol (Va. portion)	90,200	89,600	88,500	87,300	86,400
Charlottesville	112,700	111,000	109,600	108,800	106,700
Danville	112,400	111,700	111,100	110,600	111,000
Lynchburg	141,500	140,500	138,000	137,400	137,000
Norfolk	1,159,800	1,161,900	1,151,300	1,131,100	1,119,300
Northern Virginia	1,125,500	1,110,400	1,084,600	1,072,300	1,050,300
Richmond	754,900	744,200	735,500	727,500	713,500
Roanoke	222,200	221,500	220,900	218,700	217,300
Planning Districts					
LENOWISCO	99,900	99,900	99,000	98,000	94,300
Cumberland Plateau	140,700	139,400	137,500	133,500	126,900
Mount Rogers	180,200	179,800	176,800	174,200	172,400
New River Valley	141,500	140,100	137,300	134,500	132,700
Fifth	254,900	254,000	252,700	250,500	248,300
Central Shenandoah	208,300	207,500	205,200	203,200	203,000
Lord Fairfax	132,400	131,000	127,600	124,400	122,700
Northern Virginia	1,086,200	1,072,700	1,049,600	1,039,400	1,019,200
Rappahannock-Rapidan	92,500	90,800	88,000	85,700	83,300
Thomas Jefferson	143,400	141,600	139,800	138,400	135,600
Central Virginia	193,900	191,400	187,000	185,500	184,300
West Piedmont	243,000	240,500	238,100	235,600	235,300
Southside	84,100	84,300	83,800	83,400	83,700
Piedmont	83,500	83,700	83,600	82,900	82,400
Richmond Regional	624,000	612,100	603,800	596,900	585,700
RADCO	117,200	113,200	107,200	101,000	96,800
Northern Neck	41,000	41,100	40,300	39,600	39,500
Middle Peninsula	59,700	58,700	57,600	56,000	55,300
Crater	163,500	164,900	164,500	163,700	161,100
Southeastern Virginia	840,500	841,700	832,300	816,900	810,000
Peninsula	347,400	349,400	347,600	343,000	337,500
Accomack-Norhampton	46,600	46,700	46,100	46,200	46,000

SOURCE: Martin, Julia H. and Michael A. Spar. *Intercensal Estimates and Decennial Census Counts for Virginia Localities, 1790-1980*. Tayloe Murphy Institute, University of Virginia, Charlottesville, Virginia, 1983.

NOTES: Locality estimates rounded to nearest hundred, state estimates rounded to nearest thousand.
 A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
 A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.



TABLE 16.24
Composition of Virginia's Planning Districts

LENOWISCO

Lee County
Scott County
Wise County
Norton City

CUMBERLAND PLATEAU

Buchanan County
Dickenson County
Russell County
Tazewell County

MOUNT ROGERS

Bland County
Carroll County
Grayson County
Smyth County
Washington County
Wythe County
Bristol City
Galax City

NEW RIVER VALLEY

Floyd County
Giles County
Montgomery County
Pulaski County
Radford City

FIFTH

Alleghany County
Botetourt County
Craig County
Roanoke County
Clifton Forge City
Covington City
Roanoke City
Salem City

CENTRAL SHENANDOAH

Augusta County
Bath County
Highland County
Rockbridge County
Rockingham County
Buena Vista City
Harrisonburg City
Lexington City
Staunton City
Waynesboro City

LORD FAIRFAX

Charles County
Frederick County
Page County
Shenandoah County
Warren County
Winchester City

NORTHERN VIRGINIA

Arlington County
Fairfax County
Loudoun County
Prince William County
Alexandria City
Fairfax City
Falls Church City
Manassas City
Manassas Park City

RAPPAHANNOCK-RAPIDAN

Culpeper County
Fauquier County
Madison County
Orange County
Rappahannock County

THOMAS JEFFERSON

Albemarle County
Fluvanna County
Greene County
Louisa County
Nelson County
Charlottesville City

CENTRAL VIRGINIA

Amherst County
Appomattox County
Bedford County
Campbell County
Bedford City
Lynchburg City

WEST PIEDMONT

Franklin County
Henry County
Patrick County
Pittsylvania County
Danville City
Martinsville City

SOUTHSIDE

Brunswick County
Halifax County
Mecklenburg County
South Boston City

PIEDMONT

Amelia County
Buckingham County
Charlotte County
Cumberland County
Lunenburg County
Nottoway County
Prince Edward County

RICHMOND REGIONAL

Charles City County
Chesterfield County
Goochland County
Hanover County
Henrico County
New Kent County
Powhatan County
Richmond City

RADCO

Caroline County
King George County
Spotsylvania County
Stafford County
Fredericksburg City

NORTHERN NECK

Lancaster County
Northumberland County
Richmond County
Westmoreland County

MIDDLE PENINSULA

Essex County
Gloucester County
King and Queen County
King William County
Matthews County
Middlesex County

CRATER

Dinwiddie County
Greensville County
Prince George County
Surry County
Sussex County
Colonial Heights City
Emporia City
Hopewell City
Petersburg City

SOUTHEASTERN VIRGINIA

Isle of Wight County
Southampton County
Chesapeake City
Franklin City
Norfolk City
Portsmouth City
Suffolk City
Virginia Beach City

PENINSULA

James City County
York County
Hampton City
Newport News City
Poquoson City
Williamsburg City

ACCOMACK-NORTHAMPTON

Accomack County
Northampton County

TABLE 16.25
Composition of Virginia's Metropolitan Statistical Areas: June 1, 1983

CHARLOTTESVILLE

Albemarle County
 Fluvanna County
 Greene County
 Charlottesville City*

DANVILLE

Pittsylvania County
 Danville City*

JOHNSON CITY-KINGSPORT-BRISTOL

(Virginia portion)
 Scott County
 Washington County
 Bristol City*

LYNCHBURG

Amherst County
 Campbell County
 Lynchburg City*

NORFOLK-VIRGINIA BEACH-NEWPORT NEWS

Gloucester County
 James City County
 York County
 Chesapeake City
 Hampton City*
 Newport News City*
 Norfolk City*
 Poquoson City
 Portsmouth City*
 Suffolk City*
 Virginia Beach City*
 Williamsburg City

RICHMOND-PETERSBURG

Charles City County
 Chesterfield County
 Dinwiddie County
 Goochland County
 Hanover County
 Henrico County
 New Kent County
 Powhatan County
 Prince George County
 Colonial Heights City
 Hopewell City
 Petersburg City*
 Richmond City*

ROANOKE

Botetourt County
 Roanoke County
 Roanoke City*
 Salem City

WASHINGTON DC-MD-VA

(Virginia portion)
 Arlington County*
 Fairfax County
 Loudoun County
 Prince William County
 Stafford County
 Alexandria City
 Fairfax City
 Falls Church City
 Manassas City
 Manassas Park City

SOURCE: Executive Office of the President, Office of Management and Budget, OMB News Release. Untitled OMB-83-20 issued June 27, 1983. (Mimeographed.)

NOTE: *Indicates Central City.

TABLE 16.26
Chronology of Virginia County and City Formation

Locality	Year Established	Formed From
Counties:		
Accomack	1663	Northampton County
Albemarle	1744	Goochland and Louisa Counties
Alleghany	1822	Bath and Botetourt Counties
Amelia	1735	Brunswick and Prince George Counties
Amherst	1761	Albemarle County
Appomattox	1845	Buckingham, Campbell, Charlotte, and Prince Edward Counties
Arlington	1847	Fairfax County
Augusta	1738	Orange County
Bath	1791	Augusta and Botetourt Counties
Bedford	1754	Albemarle and Lunenburg Counties
Bland	1861	Giles, Tazewell, and Wythe Counties
Botetourt	1770	Augusta and Rockbridge Counties
Brunswick	1720	Isle of Wight, Prince George, and Surry Counties
Buchanan	1858	Russell and Tazewell Counties
Buckingham	1761	Albemarle County

CONTINUED ➡



TABLE 16.26
Chronology of Virginia County and City Formation, *CONTINUED*

Locality	Year Established	Formed From
Campbell	1782	Bedford County
Caroline	1727	Essex, King and Queen, and King William Counties
Carroll	1842	Grayson and Patrick Counties
Charles City	1634	Originally a shire
Charlotte	1765	Lunenburg County
Chesterfield	1749	Henrico County
Clarke	1836	Frederick and Warren Counties
Craig	1851	Alleghany, Botetourt, Giles, Montgomery, and Roanoke Counties
Culpeper	1749	Orange County
Cumberland	1749	Goochland County
Dickenson	1880	Buchanan, Russell, and Wise Counties
Dinwiddie	1752	Prince George County
Essex	1692	Rappahannock County
Fairfax	1742	Prince William County
Fauquier	1759	Prince William County
Floyd	1831	Franklin and Montgomery Counties
Fluvanna	1777	Albemarle County
Franklin	1786	Bedford and Henry Counties
Frederick	1738	Augusta and Orange Counties
Giles	1806	Craig, Montgomery, Tazewell, and Wythe Counties
Gloucester	1651	York County
Goochland	1727	Henrico County
Grayson	1793	Patrick and Wythe Counties
Green	1838	Orange County
Greensville	1781	Brunswick and Sussex Counties
Halifax	1752	Lunenburg County
Hanover	1720	New Kent County
Henrico	1634	Originally a shire
Henry	1777	Pittsylvania County
Highland	1847	Bath County
Isle of Wight	1634	Originally a shire
James City	1634	Originally a shire
King and Queen	1691	New Kent County
King George	1720	Richmond County
King William	1702	King and Queen County
Lancaster	1651	Northumberland and York Counties
Lee	1793	Russell and Scott Counties
Loudoun	1757	Fairfax County
Louisa	1742	Hanover County
Lunenburg	1745	Brunswick County
Madison	1793	Culpeper County
Mathews	1791	Gloucester County
Medklenburg	1765	Lunenburg County
Middlesex	1669	Lancaster County
Montgomery	1777	Botetourt, Fincastle,* and Pulaski Counties
Nelson	1808	Amherst County
New Kent	1654	York County
Northampton	1634	Originally a shire
Northumberland	1648	Chickcoun Indian District
Nottoway	1789	Amelia County
Orange	1735	Spotsylvania County
Page	1831	Rockingham and Shenandoah Counties
Patrick	1791	Henry County
Pittsylvania	1767	Halifax County
Powhatan	1777	Chesterfield and Cumberland Counties
Prince Edward	1754	Amelia County
Prince George	1702	Charles City County
Prince William	1731	King George and Stafford Counties

CONTINUED ➡

TABLE 16.26
Chronology of Virginia County and City Formation, *CONTINUED*

Locality	Year Established	Formed From
Pulaski	1839	Montgomery and Wythe Counties
Rappahannock	1833	Culpeper County
Richmond	1692	Old Rappahannock County
Roanoke	1838	Botetourt and Montgomery Counties
Rockbridge	1778	Augusta and Botetourt Counties
Rockingham	1778	Augusta County
Russell	1786	Washington County
Scott	1815	Lee, Russell, and Washington Counties
Shenandoah	1772	Frederick County
Smyth	1832	Washington and Wythe Counties
Southampton	1749	Isle of Wight and Nansemond* Counties
Spotsylvania	1720	Essex, King and Queen, and King William Counties
Stafford	1664	Westmoreland County
Surry	1652	James City County
Sussex	1754	Surry County
Tazewell	1799	Russell, Washington, and Wythe Counties
Warren	1836	Frederick and Shenandoah Counties
Washington	1777	Fincastle* and Montgomery Counties
Westmoreland	1653	King George and Northumberland Counties
Wise	1856	Lee, Russell, and Scott Counties
Wythe	1790	Grayson and Montgomery Counties
York	1634	Originally a shire
Cities:		
Alexandria	1852	Fairfax and Arlington Counties
Bedford	1968	Bedford County
Bristol	1890	Washington County
Buena Vista	1892	Rockbridge County
Charlottesville	1888	Albemarle County
Chesapeake	1963	Norfolk County*
Clifton Forge	1906	Alleghany County
Colonial Heights	1948	Chesterfield County
Covington	1952	Alleghany County
Danville	1890	Pittsylvania County
Emporia	1967	Greensville County
Fairfax	1961	Fairfax County
Falls Church	1948	Fairfax County
Franklin	1961	Southampton County
Fredericksburg	1879	Spotsylvania County
Galax	1953	Grayson and Carroll Counties
Hampton	1908	Elizabeth City* County
Harrisonburg	1916	Rockingham County
Hopewell	1916	Prince George County
Lexington	1966	Rockbridge County
Lynchburg	1852	Campbell County
Manassas	1975	Prince William County
Manassas Park	1975	Prince William County
Martinsville	1928	Henry County
Newport News	1896	Warwick* County
Norfolk	1845	Norfolk* County
Norton	1954	Wise County
Petersburg	1850	Dinwiddie and Prince George Counties
Portsmouth	1858	Norfolk* County
Poquoson	1975	York County
Radford	1892	Montgomery County
Richmond	1782	Henrico and Chesterfield Counties
Roanoke	1884	Roanoke County
Salem	1968	Roanoke County
South Boston	1960	Halifax County

CONTINUED ➡



TABLE 16.26
Chronology of Virginia County and City Formation, *CONTINUED*

Locality	Year Established	Formed From
Staunton	1871	Augusta County
Suffolk	1910	Nansemond County*
Virginia Beach	1963	Princess Anne County*
Waynesboro	1948	Augusta County
Williamsburg	1722	James City and York Counties
Winchester	1874	Frederick County

SOURCE: Weeks, J. Devereux. *Dates of Origin of Virginia Counties and Municipalities*. Institute of Government, University of Virginia. Charlottesville, Virginia. 1967.

NOTE: *Locality does not exist today.

TABLE 16.27
**Boundary Changes Involving Counties and
 Independent Cities, Virginia: 1951–1988**

Year	Localities	Action	Area	Population
1951	Pittsylvania County/Danville City	Annexation by city	C	E
	Rockingham County/Harrisonburg City	Annexation by city	A	A
	Spotsylvania County/Fredericksburg City	Annexation by city	A	A
1952	Alleghany County/Covington City	Incorporation of city	B	E
	Elizabeth City County/Hampton City	Consolidation with city	D	E
	Fairfax County/Alexandria City	Annexation by city	C	E
	Prince George County/Hopewell City	Annexation by city	B	E
	Princess Anne County/Virginia Beach City	Incorporation of city	B	E
	Warwick County	Incorporation as a city	D	E
1953	Carroll and Grayson Counties/Galax City	Incorporation of city	B	D
1954	Augusta County/Waynesboro City	Annexation by city	A	A
	Chesterfield County/Colonial Heights City	Annexation by city	B	A
	Wise County/Norton City	Incorporation of city	B	D
1955	Norfolk County/Norfolk City	Annexation by city	D	F
	Spotsylvania County/Fredericksburg City	Annexation by city	B	D
1956	Augusta County/Waynesboro City	Annexation by city	A	B
	Augusta County/Staunton City	Annexation by city	A	A
	Chesterfield County/Colonial Heights City	Annexation by city	A	B
	Pittsylvania County/Danville City	Annexation by city	A	A
	Prince George County/Petersburg City	Annexation by city	B	A
1957	Pittsylvania County/Danville City	Annexation by city	A	A
1958	Bedford County/Lynchburg City	Annexation by city	B	C
	Campbell County/Lynchburg City	Annexation by city	C	D
	Warwick City/Newport News City	Consolidation as Newport News City	D	E
1959	Princess Anne County/Norfolk City	Annexation by city	D	F
1960	Carroll County/Galax City	Annexation by city	A	A
	Halifax County/South Boston City	Incorporation of city	B	E
	Henry County/Martinsville City	Annexation by city	A	A
	Norfolk County/Portsmouth City	Annexation by city	D	E

CONTINUED ➡

TABLE 16.27
Boundary Changes Involving Counties and Independent
Cities, Virginia: 1951-1988, *CONTINUED*

Year	Localities	Action	Area	Population
1961	Fairfax County/Fairfax City	Incorporation of city	C	E
	Southampton County/Franklin City	Incorporation of city	B	E
1962	Alleghany County/Clifton Forge City	Annexation by city	B	C
	Rockingham County/Harrisonburg City	Annexation by city	B	C
1963	Albemarle County/Charlottesville City	Annexation by city	B	D
	Norfolk County/Chesapeake City	Consolidation with city ^a	D	E
	Pittsylvania County/Danville City	Annexation by city	A	A
	Princess Anne County/Virginia Beach City	Consolidation with city	D	E
1964	James City County/Williamsburg City	Annexation by city	B	D
	Rockingham County/Harrisonburg City	Annexation by city	A	A
	York County/Williamsburg City	Annexation by city	A	D
1965	Halifax County/South Boston City	Annexation by city	B	D
	Henry County/Martinsville City	Annexation by city	B	A
	Montgomery County/Radford City	Annexation by city	A	A
	Roanoke County/Roanoke City	Annexation by city	B	B
1966	Carroll and Grayson Counties/Galax City	Annexation by city	B	D
	Roanoke County/Roanoke City	Annexation by city	A	A
	Rockbridge County/Lexington City	Incorporation of city	B	E
1967	Albemarle County/Charlottesville City	Annexation by city	A	A
	Greensville County/Emporia City	Incorporation of city	B	E
	Prince George County/Hopewell City	Annexation by city	C	D
	Roanoke County/Roanoke City	Annexation by city	A	A
1968	Bedford County/Bedford City	Incorporation of city	B	E
	Roanoke County/Salem City	Incorporation of city	C	E
	Roanoke County/Salem City	Annexation by city	C	D
1969	Chesterfield County/Richmond City	Annexation by city	D	E
	Rockingham County/Harrisonburg City	Annexation by city	A	A
1970	Frederick County/Winchester City	Annexation by city	C	D
	Pittsylvania County/Danville City	Annexation by city	A	A
1971	Dinwiddie County/Petersburg City	Annexation by city	C	D
	Prince George County/Petersburg City	Annexation by city	C	E
1972	Pittsylvania County/Danville City	Annexation by city	A	A
1973	Carroll County/Galax City	Annexation by city	A	A
	Fairfax County/Alexandria City	Exchange of territory	A	A
	Nansemond County	Incorporation as Nansemond City	D	E
	Pittsylvania County/Danville City	Annexation by city	B	A
	Washington County/Bristol City	Annexation by city	C	E
1974	Nansemond City/Suffolk City	Consolidation as Suffolk City	D	E
1975	Bedford County/Lynchburg City	Annexation by city	C	D
	Campbell County/Lynchburg City	Annexation by city	D	E
	Prince William County/Manassas City	Incorporation of city	C	E
	Prince William County/Manassas Park City	Incorporation of city	A	E
	Roanoke County/Roanoke City	Annexation by city	D	E
	Wise County/Norton City	Annexation by city	B	A
	York County/Poquoson City	Incorporation of city	D	E
1976	Montgomery County/Radford City	Annexation by city	B	B
1977	Pittsylvania County/Danville City	Annexation by city	A	A
1978	No activity			

CONTINUED ➡



TABLE 16.27
Boundary Changes Involving Counties and Independent
Cities, Virginia: 1951–1988, *CONTINUED*

Year	Localities	Action	Area	Population
1979	Carroll County/Galax City	Annexation by city	A	A
1980	Fairfax County/Fairfax City	Boundary adjustment	A	D
	Montgomery County/Radford City	Annexation by city	A	B
1981	No activity			
1982	Rockingham County/Harrisonburg City	Annexation by city	D	D
1983	James City County/Williamsburg City	Annexation by city	B	B
	Prince William County/Manassas City	Boundary adjustment	B	A
	Rockbridge County/Buena Vista City	Annexation by city	B	A
	Spotsylvania County/Fredericksburg City	Annexation by city	B	D
1984	Wise County/Norton City	Annexation by city	A	A
1985	Augusta County/Waynesboro City	Annexation by city	C	D
	Southampton County/Franklin City	Annexation by city	B	C
	Roanoke County/Salem City	Annexation by city	A	A
1986	Montgomery County/Radford City	Annexation by city	B	A
	Augusta County/Staunton City	Annexation by city	D	D
1987	Carroll County/Galax City	Annexation by city	A	A
	Greensville County/Emporia City	Annexation by city	A	D
	Pittsylvania County/Danville City	Annexation by city	D	E
	Roanoke County/Salem City	Annexation by city	A	A
1988	Norfolk City/Virginia Beach City	Boundary adjustment	A	A
	Albemarle County/Charlottesville City	Annexation by city	A	A
	Pittsylvania County/Danville City	Boundary adjustment	A	A

SOURCES: Commonwealth of Virginia, Commission on Local Government. "Chronology of Annexation Proceedings by Virginia Cities and Towns." Richmond, Virginia, 1986. (Micrographed.); personal communication with the Commission on Local Government.

NOTES: "Area" includes land area, in square miles, at time of action. Codes are as follows: (A) less than 1 square mile, (B) 1–4.9 square miles, (C) 5–9.9 square miles, (D) 10 or more square miles.

"Population" at time of action. Codes are as follows: (A) 0–249 persons, (B) 250–499 persons, (C) 500–999 persons, (D) 1,000–4,999 persons, (E) 5,000 or more persons, (F) unknown.

^aNorfolk County and South Norfolk City consolidated to form Chesapeake City.

TABLE 16.28
Urban and Rural Population of Virginia: 1790–1980

Date/ Definition	Virginia		Urban		Rural	
	Total Population	Percent Change from Preceding Census	Total Population	Percent Change from Preceding Census	Total Population	Percent Change from Preceding Census
Current urban definition ¹						
1980 (April 1)	5,346,818	14.9%	3,529,423	20.1%	1,817,395	6.3%
1970 (April 1)	4,651,448	17.3	2,938,917	33.3	1,709,577	–3.0
1960 (April 1)	3,966,949	19.5	2,204,913	41.3	1,762,036	0.2
1950 (April 1)	3,318,680	23.9	1,560,115	...	1,758,565	...
Previous urban definition						
1960 (April 1)	3,966,949	19.5	1,932,468	40.5	2,034,481	4.7
1950 (April 1)	3,318,680	23.9	1,375,036	45.6	1,943,644	12.1

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TABLE 16.28
Urban and Rural Population of Virginia: 1790–1980, *CONTINUED*

Date/ Definition	Virginia		Urban		Rural	
	Total Population	Percent Change from Preceding Census	Total Population	Percent Change from Preceding Census	Total Population	Percent Change from Preceding Census
1940 (April 1)	2,677,773	10.6	944,675	20.3	1,733,098	5.9
1930 (April 1)	2,421,851	4.9	785,537	16.6	1,636,314	0.1
1920 (January 1)	2,309,187	12.0	673,984	41.4	1,635,203	3.2
1910 (April 15)	2,061,612	11.2	476,529	40.1	1,585,083	4.7
1900 (June 1)	1,854,184	12.0	340,067	20.3	1,514,117	10.3
1890 (June 1)	1,655,980	9.5	282,721	49.5	1,373,259	3.8
1880 (June 1)	1,512,565	23.5	189,079	29.8	1,323,486	22.6
1870 (June 1)	1,225,163	0.5	145,618	25.7	1,079,545	-2.2
1860 (June 1)	1,219,630	9.0	115,879	29.8	1,103,751	7.2
1850 (June 1)	1,119,348	9.2	89,255	25.8	1,030,093	7.9
1840 (June 1)	1,025,227	-1.8	70,968	40.9	954,259	-4.0
1830 (June 1)	1,044,054	11.3	50,375	42.1	993,679	10.1
1820 (August 7)	938,261	6.9	35,453	11.4	902,808	6.7
1810 (August 6)	877,683	8.7	31,823	50.4	845,860	7.6
1800 (August 4)	807,557	16.7	21,155	72.0	786,402	15.7
1790 (August 2)	691,737	...	12,296	...	679,441	...

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population. *Number of Inhabitants Virginia*. U.S. Government Printing Office, Washington, D.C., 1982.

NOTES: "Virginia" population is that of the present area of Virginia.

¹Current urban definition refers to population residing in urbanized areas and, outside urbanized areas, in places of 2,500 or more inhabitants. The previous urban definition refers to population residing in incorporated places of 2,500 or more inhabitants, with additional areas defined as urban under special rules in censuses prior to 1950.

TABLE 16.29
**Metropolitan Area Population for the U.S.,
 Virginia, and Surrounding States: 1970–1987**

	Total Population			Average Annual Percent Change		Percent of State	
	1987	1980	1970	1980- 1987	1970- 1980	1987	1970
United States	187,072	172,455	155,937	1.1%	1.0%	76.9%	76.7%
Virginia	4,236	3,745	3,279	1.7	1.3	71.7	70.5
Delaware	425	398	386	0.9	0.3	66.0	70.4
District of Columbia	622	638	757	-0.4	-1.7	100.0	100.0
Florida	10,914	8,885	6,213	2.8	3.6	90.8	91.5
Georgia	4,018	3,403	2,807	2.3	1.9	64.6	61.2
Kentucky	1,708	1,677	1,550	0.3	0.8	45.8	48.1
Maryland	4,212	3,920	3,668	1.0	0.7	92.9	93.5
North Carolina	3,544	3,204	2,755	1.4	1.5	55.3	54.2
South Carolina	2,068	1,865	1,504	1.4	2.2	60.4	58.0
Tennessee	3,252	3,048	2,630	0.9	1.5	67.0	67.0
West Virginia	689	718	683	-0.6	0.5	36.3	39.1

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: "Total Population" in thousands.



TABLE 16.30
Estimates of Net Migration by Age and Race for Virginia: 1970-1980

Age	Number of Migrants			Migration Rates		
	Total	White	Nonwhite	Total	White	Nonwhite
Total	349,101	205,260	143,841	7.5%	5.4%	16.2%
0-4	-2,561	-4,454	1,881	-0.7	-1.5	2.2
5-9	8,554	1,165	7,390	1.9	0.3	7.2
10-14	42,162	21,550	20,621	8.9	5.9	18.9
15-19	52,572	31,027	21,552	11.9	9.0	22.0
20-24	62,505	50,035	12,470	14.2	13.6	17.3
25-29	42,523	35,044	7,480	12.7	12.4	14.1
30-34	16,759	2,396	14,364	6.0	1.0	30.7
35-39	36,992	23,997	13,009	13.8	10.8	28.0
40-44	23,563	14,324	9,239	8.4	6.1	19.4
45-49	12,642	6,208	6,446	4.5	2.6	13.5
50-54	9,720	3,853	5,874	3.9	1.9	13.7
55-59	9,516	3,950	5,574	4.5	2.3	14.9
60-64	4,242	-795	5,032	2.5	-0.6	17.1
65-69	10,740	3,765	6,970	7.9	3.4	27.5
70-74	7,070	2,858	4,209	7.1	3.5	23.9
75-79	4,774	3,148	1,620	7.1	5.6	14.4
80-84	2,206	2,299	-80	5.5	6.9	-1.2
85+	5,113	4,908	207	9.5	10.9	2.3

SOURCE: Tayloe Murphy Institute. *Technical Tools for Planners*. University of Virginia. Charlottesville, Virginia, 1983.

NOTE: Net migration rates calculated by dividing the number of net migrants in an age group by the 1970 census population in that age group.

TABLE 16.31
Average Number of Years of Life Remaining at Birth and Age 65, Virginia: 1969-71 and 1979-81

Group	Years Remaining at Birth				Years Remaining at Age 65			
	1969-71	1979-81	Change		1969-71	1979-81	Change	
			Number	Percent			Number	Percent
Total	70.08	73.43	3.35	4.8%	14.71	16.09	1.38	9.4%
Male	66.26	69.60	3.34	5.0	12.56	13.64	1.08	8.6
Female	74.17	77.27	3.10	4.2	16.59	18.10	1.51	9.1
White	71.61	74.42	2.81	3.9	15.00	16.33	1.33	8.9
Male	67.72	70.54	2.82	4.2	12.71	13.79	1.08	8.5
Female	75.72	78.28	2.56	3.4	16.96	18.40	1.44	8.5
Nonwhite	64.09	69.57	5.48	8.6	13.65	15.08	1.43	10.5
Male	60.36	65.76	5.40	8.9	12.03	13.04	1.01	8.4
Female	68.13	73.49	5.30	7.8	15.21	16.88	1.67	11.0

SOURCES: U.S. Department of Health, Education, and Welfare, Public Health Service. *U.S. Decennial Life Tables for 1969-71, Volume II, Number 47: Virginia State Life Tables: 1969-71*. U.S. Government Printing Office, Washington, D.C., 1975; U.S. Department of Health and Human Services, Public Health Service. *U.S. Decennial Life Tables for 1979-81, Volume II, State Life Tables, Number 47, Virginia*. U.S. Government Printing Office, Washington, D.C., 1986.

TABLE 16.32

Immigrants Admitted by State of Intended Residence for the U.S., Virginia, and Surrounding States: 1977-1987

	1987	1986	1985	1984	1983	1982	1977
United States	601,516	601,708	570,009	543,903	559,763	594,131	462,315
Virginia	11,235	10,557	11,224	9,528	10,372	11,744	6,556
Delaware	621	585	544	592	565	381	460
District of Columbia	2,572	2,444	2,708	2,391	2,789	2,583	2,622
Florida	54,654	48,600	36,833	32,364	27,625	24,233	57,071
Georgia	6,118	5,671	5,452	4,690	6,719	3,196	2,835
Kentucky	1,381	1,049	1,488	1,073	1,612	930	1,022
Maryland	11,846	10,768	10,118	9,749	9,768	9,977	8,134
North Carolina	3,181	3,317	3,151	3,207	3,494	3,200	1,876
South Carolina	1,480	1,344	1,591	1,677	1,504	1,452	1,005
Tennessee	2,276	2,071	2,130	2,065	2,146	3,533	1,453
West Virginia	530	583	561	628	623	689	709

SOURCE: U.S. Department of Justice, Immigration and Naturalization Service. *1987 Statistical Yearbook of the Immigration & Naturalization Service*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: The U.S. Immigration and Naturalization Service defines an immigrant as "an alien admitted to the United States as a lawful permanent resident." The U.S. total includes immigrants to U.S. possessions and immigrants not reporting a state of intended residence.

TABLE 16.33

Refugee Arrivals by Selected Area of Citizenship for the U.S., Virginia, and Surrounding States: 1980-1986

	Southeast Asia				East Europe/ Soviet Union, 1986	Other, 1986
	1986	1985	1984	1980		
United States	45,391	49,853	52,000	166,727	9,077	7,204
Virginia	1,177	1,211	1,564	3,153	39	341
Delaware	30	7	15	72	3	6
District of Columbia	107	200	219	3,191	64	125
Florida	883	1,104	896	2,926	217	121
Georgia	823	1,043	1,138	2,427	85	120
Kentucky	387	354	178	790	3	18
Maryland	502	546	908	1,257	170	317
North Carolina	473	540	546	1,734	71	31
South Carolina	71	61	110	573	3	10
Tennessee	811	591	561	2,032	77	38
West Virginia	13	22	17	213	6	5

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1988*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: The U.S. Immigration & Naturalization Service defines a refugee as "any person who is outside his or her country of nationality who is unable or unwilling to return to that country because of persecution or a well-founded fear of persecution. Refugees are exempt from numerical limitation and are eligible to adjust to lawful permanent residence after one year of continuous presence in the United States."

"Southeast Asia" includes Vietnam, Laos, and Cambodia.

"East Europe" includes Czechoslovakia, Hungary, Poland, and Romania.

"Other" includes Afghanistan, Iran, Iraq, and Ethiopia.



TABLE 16.34
Land Area and Population Density for
Virginia's Counties and Cities: 1980 and 1987

	Land Area		1980 Population Density		1987 Population Density	
	Square Miles	Square Kilometers	Per Square Mile	Per Square Kilometer	Per Square Mile	Per Square Kilometer
Virginia	39,703	102,832	135	52	149	57
Counties						
Accomack	476	1,232	66	25	68	26
Albemarle	725	1,878	77	30	85	33
Alleghany	446	1,156	32	12	30	12
Amelia	357	924	24	9	24	9
Amherst	478	1,239	61	24	61	23
Appomattox	336	870	36	14	37	14
Arlington	26	67	5,869	2,278	6,119	2,375
Augusta	989	2,561	54	21	51	20
Bath	537	1,392	11	4	9	4
Bedford	747	1,936	47	18	54	21
Bland	359	929	16	7	18	7
Botetourt	545	1,411	43	17	46	18
Brunswick	563	1,459	28	11	28	11
Buchanan	504	1,305	75	29	70	27
Buckingham	583	1,511	20	8	22	8
Campbell	505	1,309	90	35	93	36
Caroline	536	1,387	33	13	36	14
Carroll	478	1,237	57	22	57	22
Charles City	181	470	37	14	36	14
Charlotte	476	1,234	26	10	25	10
Chesterfield	434	1,125	326	126	413	159
Clarke	178	462	56	22	60	23
Craig	330	854	12	5	13	5
Culpeper	382	989	59	23	65	25
Cumberland	300	776	26	10	27	11
Dickenson	331	858	60	23	59	23
Dinwiddie	507	1,313	45	17	41	16
Essex	263	680	34	13	34	13
Fairfax	393	1,019	1,519	586	1,881	726
Fauquier	651	1,686	55	21	68	26
Floyd	381	987	30	12	31	12
Fluvanna	290	751	35	14	40	16
Franklin	683	1,770	52	20	59	23
Frederick	415	1,075	82	32	92	36
Giles	362	938	49	19	48	18
Gloucester	225	583	89	35	131	50
Goochland	281	729	42	16	46	18
Grayson	446	1,155	37	14	37	14
Greene	157	406	49	19	57	22
Greensville	300	778	36	14	34	13
Halifax	816	2,114	38	15	36	14
Hanover	468	1,211	108	42	121	47
Henrico	238	617	759	293	840	324
Henry	382	990	106	58	152	58
Highland	416	1,077	7	3	6	2
Isle of Wight	319	827	68	26	79	30
James City	153	397	149	57	178	69
King and Queen	317	821	19	7	20	8
King George	180	466	59	23	68	26
King William	278	719	34	13	37	14

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TABLE 16.34
Land Area and Population Density for Virginia's
Counties and Cities: 1980 and 1987, *CONTINUED*

	Land Area		1980 Population Density		1987 Population Density	
	Square Miles	Square Kilometers	Per Square Mile	Per Square Kilometer	Per Square Mile	Per Square Kilometer
Lancaster	133	344	76	29	83	32
Lee	437	1,133	59	23	60	23
Loudoun	521	1,350	110	43	137	53
Louisa	497	1,286	36	14	40	15
Lunenburg	432	1,120	28	11	28	11
Madison	322	833	32	12	34	13
Mathews	87	226	92	35	101	39
Mecklenburg	616	1,596	48	18	48	19
Middlesex	134	347	58	22	64	25
Montgomery	390	1,009	163	63	170	66
Nelson	475	1,229	26	10	27	10
New Kent	213	551	41	16	50	19
Northampton	226	585	65	25	64	25
Northumberland	185	478	53	21	55	21
Nottoway	317	820	46	18	47	18
Orange	342	886	53	20	59	23
Page	313	811	62	24	65	25
Patrick	481	1,246	37	14	37	14
Pittsylvania	995	2,577	67	26	65	25
Powhatan	261	677	50	19	52	20
Prince Edward	354	916	47	18	50	19
Prince George	266	688	97	37	98	38
Prince William	339	879	427	165	545	210
Pulaski	318	824	111	43	107	41
Rappahannock	267	692	23	9	24	9
Richmond	193	499	36	14	39	15
Roanoke	251	650	291	112	300	116
Rockbridge	603	1,562	30	12	30	12
Rockingham	865	2,240	66	26	64	25
Russell	479	1,241	66	26	66	26
Scott	536	1,387	47	18	47	18
Shenandoah	512	1,327	54	21	57	22
Smyth	452	1,171	74	29	73	28
Southampton	603	1,562	31	12	30	12
Spotsylvania	404	1,046	85	33	100	39
Stafford	271	702	149	58	196	76
Surry	281	729	22	8	23	9
Sussex	492	1,273	22	9	21	8
Tazewell	520	1,347	97	38	95	37
Warren	217	563	98	38	112	43
Washington	563	1,457	83	32	84	33
Westmoreland	227	587	62	24	66	25
Wise	405	1,048	108	42	108	42
Wythe	464	1,203	55	21	55	21
York	113	293	314	121	364	140
Cities						
Alexandria	15	39	6,881	2,647	7,193	2,767
Bedford	7	18	856	333	886	344
Bristol	12	30	1,587	635	1,500	600
Buena Vista	3	8	2,239	840	2,133	800
Charlottesville	10	27	3,992	1,478	4,110	1,522
Chesapeake	340	881	337	130	416	161
Clifton Forge	3	8	1,682	631	1,700	638
Colonial Heights	8	20	2,064	826	2,163	865

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TABLE 16.34
Land Area and Population Density for Virginia's
Counties and Cities: 1980 and 1987, *CONTINUED*

	Land Area		1980 Population Density		1987 Population Density	
	Square Miles	Square Kilometers	Per Square Mile	Per Square Kilometer	Per Square Mile	Per Square Kilometer
Covington	4	11	2,266	824	1,925	700
Danville	17	44	2,685	1,037	2,594	1,002
Emporia	2	6	2,420	807	2,300	767
Fairfax	6	16	3,232	1,212	3,400	1,275
Falls Church	2	5	4,758	1,903	4,900	1,960
Franklin	4	10	1,827	731	1,950	780
Fredericksburg	6	16	2,554	958	3,450	1,294
Galax	8	21	816	311	838	319
Hampton	51	133	2,404	922	2,510	962
Harrisonburg	6	16	3,279	1,229	4,533	1,700
Hopewell	10	27	2,340	867	2,420	896
Lexington	2	6	3,646	1,215	3,400	1,133
Lynchburg	49	128	1,362	521	1,361	521
Manassas	8	21	1,930	735	2,650	1,010
Manassas Park	2	5	3,262	1,305	3,600	1,440
Martinsville	11	28	1,650	648	1,645	646
Newport News	65	169	2,229	857	2,505	963
Norfolk	53	137	5,037	1,949	5,298	2,050
Norton	7	18	680	264	643	250
Petersburg	23	60	1,785	684	1,796	688
Poquoson	17	44	513	198	641	248
Portsmouth	30	77	3,486	1,358	3,670	1,430
Radford	7	19	1,889	696	1,957	721
Richmond	60	156	3,654	1,405	3,610	1,388
Roanoke	43	112	2,331	895	2,328	894
Salem	14	37	1,711	648	1,700	643
South Boston	5	14	1,419	507	1,400	500
Staunton	8	22	2,732	994	3,050	1,109
Suffolk	409	1,060	116	45	128	49
Virginia Beach	256	663	1,024	396	1,368	528
Waynesboro	8	20	1,916	767	2,263	905
Williamsburg	5	13	1,974	759	2,400	923
Winchester	9	24	2,246	842	2,456	921
MSAs						
Bristol (Va. portion)	1,111	2,874	82	32	82	32
Charlottesville	1,182	3,062	96	37	104	40
Danville	1,012	2,621	111	43	108	42
Lynchburg	1,032	2,676	138	53	138	53
Norfolk	1,717	4,450	676	260	784	302
Northern Virginia	1,583	4,103	724	279	868	335
Richmond	2,950	7,644	258	100	280	108
Roanoke	853	2,210	258	100	263	101
Planning Districts						
LENOWISCO	1,385	3,586	72	28	72	28
Cumberland Plateau	1,834	4,751	76	30	74	29
Mount Rogers	2,782	7,203	65	25	65	25
New River Valley	1,458	3,777	97	37	98	38
Fifth	1,636	4,239	155	60	156	60
Central Shenandoah	3,437	8,904	61	23	62	24
Lord Fairfax	1,644	4,262	81	31	88	34
Northern Virginia	1,312	3,401	843	325	1,007	388
Rappahannock-Rapidan	1,964	5,086	47	18	54	21
Thomas Jefferson	2,154	5,577	67	26	72	28

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TABLE 16.34
Land Area and Population Density for Virginia's
Counties and Cities: 1980 and 1987, *CONTINUED*

	Land Area		1980 Population Density		1987 Population Density	
	Square Miles	Square Kilometers	Per Square Mile	Per Square Kilometer	Per Square Mile	Per Square Kilometer
Central Virginia	2,122	5,500	92	35	95	37
West Piedmont	2,569	6,655	94	36	95	37
Southside	2,000	5,183	41	16	41	16
Piedmont	2,819	7,301	30	11	31	12
Richmond Regional	2,136	5,536	296	114	326	126
RADCO	1,397	3,617	85	33	105	40
Northern Neck	738	1,908	56	22	59	23
Middle Peninsula	1,304	3,376	46	18	55	21
Crater	1,889	4,894	86	33	85	33
Southeastern Virginia	2,014	5,217	419	162	489	189
Peninsula	404	1,049	852	328	946	364
Accomack-Norhampton	702	1,817	65	25	67	26

SOURCES U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population. *Number of Inhabitants Virginia*. U.S. Government Printing Office, Washington, D.C., 1982; Julia H. Martin. *Estimates of the Population of Virginia Counties and Cities: 1986 and 1987*. Center for Public Service, University of Virginia, Charlottesville Virginia, annual.

NOTES A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 16.35
Christian Church Adherents and Jewish Population for
the U.S., Virginia, and Surrounding States: 1980 and 1987

	Christian Church Adherents, 1980		Jewish Population, 1987	
	Number	Percent of Population	Number	Percent of Population
United States	111,736	49.3%	5,944	2.5%
Virginia	2,221	41.5	65	1.1
Delaware	238	40.1	10	1.5
District of Columbia	304	47.6	25	4.0
Florida	3,707	38.0	549	4.8
Georgia	2,560	46.9	63	1.0
Kentucky	1,979	54.1	12	0.3
Maryland	1,673	39.7	210	4.8
North Carolina	3,169	53.9	15	0.2
South Carolina	1,603	51.3	8	0.2
Tennessee	2,485	54.1	20	0.4
West Virginia	772	39.6	3	0.2

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In thousands.



TABLE 16.36
Chuches and Church Membership, Virginia: 1980

Denomination	Number of Churches	Communicant, Confirmed, Full Members	Total Adherents
Advent Christian Church	16	1,530	1,838*
African Methodist Episcopal Zion Church	64	24,791	29,776
American Baptist Association	3	376	376
American Baptist Churches in the U.S.A.	77	31,517	37,534*
American Lutheran Church, The	19	7,228	10,260
Apostolic Christian Church (Nazarean)	1	44	52*
Assemblies of God	144	13,685	25,096
Associate Reformed Presbyterian Church (Gen Synod)	10	2,161	2,425
Baptist General Conference	1	65	79*
Baptist Missionary Association of America	1	569	690*
Beachy Amish Mennonite Churches	8	413	498*
Brethren Church (Ashland, Ohio)	5	511	605*
Brethren in Christ Church	5	545	655
Catholic Church	186	NA	284,389
Christian and Missionary Alliance, The	14	1,314	2,791
Christian Brethren	15	675	945
Christian Church (Disciples of Christ)	229	30,979	48,798
Christian Churches and Churches of Christ	209	33,575	40,456*
Christian Methodist Episcopal Church	24	5,942	7,107*
Christian Reformed Church	2	140	239
Church of God (Anderson, Indiana)	55	3,167	9,501
Church of God (Cleveland, Tennessee)	163	13,264	15,956*
Church of God (Seventh Day), Denver, Colorado, The	1	5	6*
Church of God General Conference (Abrahamic Faith, Oregon, Illinois)	5	220	264*
Church of Jesus Christ, The (Bickertonties)	1	36	37
Church of Jesus Christ of Latter-Day Saints, The	73	NA	26,137
Church of the Brethren	157	29,721	35,438*
Church of the Nazarene	64	6,381	12,178
Churches of Christ	130	10,610	14,201
Congregational Holiness Church	3	50	58*
Conservative Congregational Christian Conference	1	77	94*
Episcopal Church, The	347	95,865	134,258
Evangelical Covenant Church of America, The	3	120	147*
Evangelical Free Church of America, The	2	254	313*
Evangelical Lutheran Churches, Association of	1	39	50
Evangelical Methodist Church	4	458	547*
Free Methodist Church of North America	4	209	854
Friends	28	1,978	2,385
Grace Brethren Churches, Fellowship of	19	2,829	3,357
Holiness Church of God, Inc., The	2	170	170
International Church of the Foursquare Gospel	4	885	1,052*
Judaism, Conservative	12	3,177	3,772*
Judaism, Reform	18	6,534	7,740*
Lutheran Church in America	168	38,372	50,368
Lutheran Church - Missouri Synod, The	41	10,663	14,290
Mennonite Church	62	5,529	6,561*
Metropolitan Community Churches, Universal Fellowship of	3	175	350
Moravian Church in America (Unitas Fratrum), So Prov	3	196	237
Old Order Amish Church	1	130	155*
Open Bible Standard Churches, Inc.	1	30	60
Orthodox Presbyterian Church, The	6	355	430*
Pentecostal Free Will Baptist Church, Inc., The	5	394	479*
Pentecostal Holiness Church, Inc.	115	10,261	12,342*
Presbyterian Church in America	31	4,008	4,414
Presbyterian Church in the United States	490	105,289	125,715*

CONTINUED →

TABLE 16.36
Chuches and Church Membership, Virginia: 1980, *CONTINUED*

Denomination	Number of Churches	Communicant, Confirmed, Full Members	Total Adherents
Reformed Presbyterian Church, Evangelical Synod	11	1,118	1,469
Salvation Army, The	24	2,454	6,723
Seventh-Day Adventists	79	9,128	10,933
Southern Baptist Convention	1,431	574,961	690,276*
The Southern Methodist Church	2	99	136
Unitarian Universalist Association	17	2,830	3,312*
United Church of Christ	117	21,659	26,117*
United Methodist Church, The	1,688	417,433	501,217*
United Presbyterian Church in the U.S.A., The	69	11,348	13,708*
Wisconsin Evangelical Lutheran Synod	2	324	497

SOURCE: Quinn, Bernard, et. al. *Churches and Church Membership in the United States 1980*. Glenmary Research Center, Atlanta, Georgia, 1982 (copyright.)

NOTE: *Total adherents estimated from known number of communicant, confirmed, full members.



Section 17: Power and Energy

This section gives data on the production and consumption of natural gas, petroleum, coal, and electricity. Data on natural gas include production and reserves, number of producing wells, average price, and major industrial consumers. Data on coal include tonnage mined, number of production workers, and number of mining fatalities. Data on electricity include production and installed generating capacity, fuels consumed in generation, generating plants operating in Virginia, and average typical electric bills in Virginia and surrounding states.

The main national clearinghouse for data on these topics is the Energy Information Agency (EIA) of the U.S. Department of Energy. Among the EIA's many published reports, the following are excerpted in this section: *Electric Power Annual*, *Natural Gas Annual*, *Inventory of Power Plants in the United States*, *Typical Electric Bills*, *Petroleum Supply Annual*, and *Gas Supplies of Interstate Natural Gas Pipeline Companies*. The state data in Tables 17.1-17.5, reproduced from the Census Bureau's *Statistical Abstract of the United States*, come originally from two other EIA publications: *State Energy Data Report* and *State Energy Price and Expenditure Report*.

In Virginia, the Department of Mines, Minerals, and Energy compiles statistics on the state's coal production in *Summary of Coal Mining in Virginia*. This report gives details on production by type of mining and by individual coal seam, as well as the summary statistics presented here in Tables 17.22, 17.23, and 17.24.

CONCEPTS

BTU

Units of various energy sources (i.e., tons of coal or kilowatt hours of electricity) are converted into British thermal units (Btu) to provide a standard measure for comparison. A Btu is the amount of energy required to raise one pound of water one degree Fahrenheit at or near 39.2 degrees F.

KILOWATT, MEGAWATT, AND GIGAWATT

A kilowatt equals one thousand watts, a megawatt equals one million watts, and a gigawatt equals one billion watts.

Figure 17.1
Energy Sources for Virginia: 1986

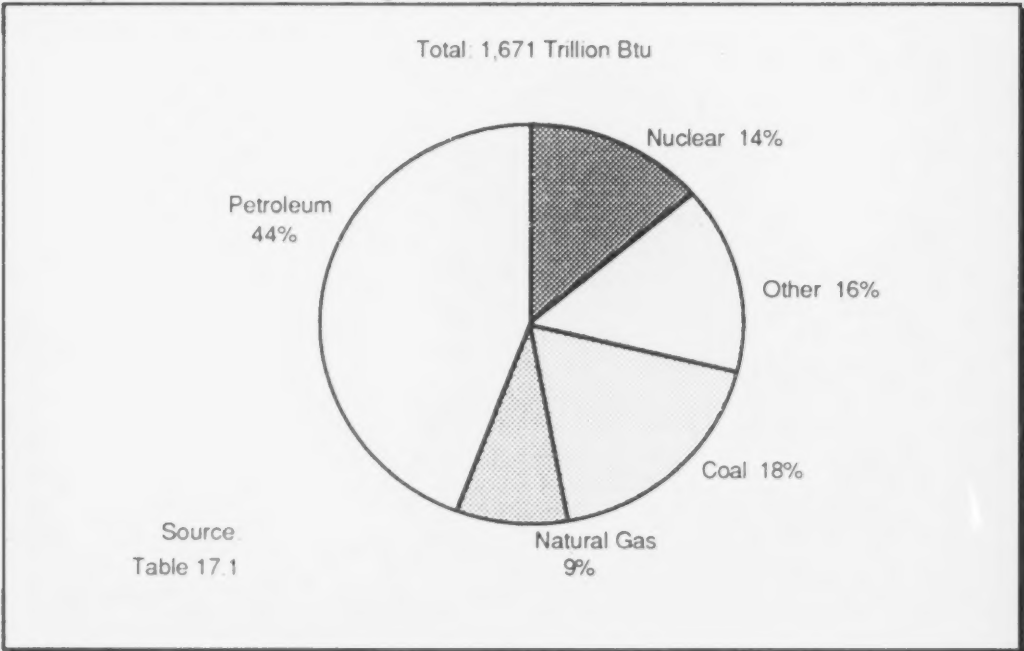


Figure 17.2
Typical Residential Electric Bills for 1,000 Kilowatt Hours: 1988

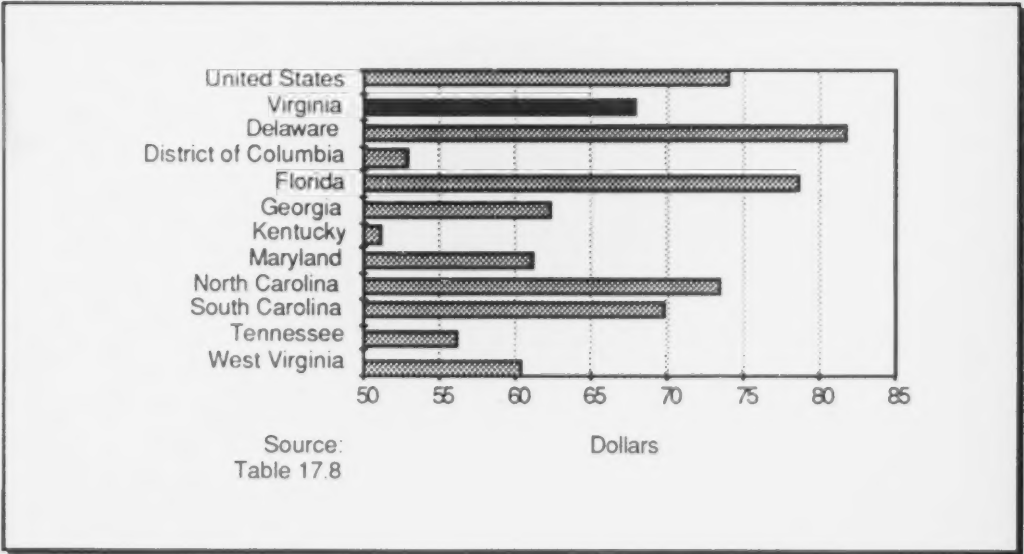




TABLE 17.1
Selected Energy Sources for the U.S.,
Virginia, and Surrounding States: 1986

	Total Consumption	Source				
		Petroleum	Natural Gas (Dry)	Coal	Hydropower	Nuclear Power
United States	74,255	32,198	16,718	17,245	3,405	4,475
Virginia	1,671	729	147	303	1	229
Delaware	214	126	34	66	...	...
District of Columbia	172	46	30	1	...	...
Florida	2,666	1,477	299	459	2	238
Georgia	1,828	757	287	693	22	78
Kentucky	1,301	465	174	750	28	...
Maryland	1,140	467	158	275	19	139
North Carolina	1,750	704	140	583	25	219
South Carolina	1,081	357	102	264	13	385
Tennessee	1,657	578	194	607	55	-1a
West Virginia	720	250	121	877	11	...

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In trillions of Btu.

"Total Consumption" includes geothermal, wood and waste, and net interstate sales of electricity, including losses, not shown separately.

aMinus sign (-) indicates that amount of energy expended exceeds amount of energy consumed.

TABLE 17.2
Energy Expenditures by Source for the U.S.,
Virginia, and Surrounding States: 1986

	Total	Per Capita	Source				
			Petroleum Products		Natural Gas	Coal	Electricity Sales -
			Total	Gasoline			
United States	\$380,524 ^a	\$1,578	\$173,154	\$91,491	\$61,937	\$27,914	\$150,200
Virginia	8,696	1,501	4,261	2,387	708	512	3,605
Delaware	1,117	1,765	589	283	145	124	438
District of Columbia	1,069	1,710	288	165	201	3	584
Florida	16,058	1,373	7,787	4,614	807	888	8,384
Georgia	9,477	1,554	4,251	2,544	1,370	1,249	3,797
Kentucky	6,026	1,617	2,641	1,495	656	1,045	2,570
Maryland	6,620	1,484	2,986	1,860	933	458	2,661
North Carolina	9,720	1,535	4,346	2,602	645	1,077	4,616
South Carolina	5,389	1,594	2,125	1,322	436	481	2,712
Tennessee	8,109	1,689	3,513	2,222	743	876	3,693
West Virginia	3,062	1,597	1,379	686	500	1,315	1,023

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In millions of dollars, except per capita, in dollars.

"Total" includes sources not shown separately.

"Per Capita" based on estimated resident population on July 1.

aIncludes net imports of coal coke not shown separately by state.

TABLE 17.3
End-Use Sector Energy Consumption for the
U.S., Virginia, and Surrounding States: 1986

	Total Consumption	Per Capita	End-Use Sector			
			Residential	Commercial	Industrial	Transportation
United States	74,255	305	15,279	11,729	26,471 ^a	20,777
Virginia	1,671	288	391	330	425	524
Delaware	214	338	40	27	88	59
District of Columbia	172	275	35	73	31	33
Florida	2,666	228	699	569	406	993
Georgia	1,828	300	383	268	554	622
Kentucky	1,301	349	258	171	531	340
Maryland	1,140	257	288	158	370	324
North Carolina	1,750	276	398	273	557	521
South Carolina	1,081	320	218	145	443	274
Tennessee	1,657	345	361	274	557	465
West Virginia	720	376	124	78	379	140

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In trillions of Btu.
 *Per Capita" and "End-Use Sector" in millions of Btu.
^aIncludes -13.5 trillion Btu of net imports of coke not allocated by State.

TABLE 17.4
Energy Expenditures by End-Use Sector for the
U.S., Virginia, and Surrounding States: 1986

	Residential	Commercial	Industrial	Transportation
United States	\$96,138	\$68,092	\$91,478 ^a	\$124,816
Virginia	2,356	2,356	1,662	3,289
Delaware	288	163	282	384
District of Columbia	238	435	160	236
Florida	4,976	3,313	1,720	6,049
Georgia	2,319	1,535	2,124	3,499
Kentucky	1,340	381	1,999	2,006
Maryland	1,876	963	1,489	2,293
North Carolina	2,585	1,604	2,218	3,313
South Carolina	1,394	778	1,540	1,677
Tennessee	1,703	1,411	2,066	2,928
West Virginia	688	392	1,120	861

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In millions of dollars.
^aIncludes net imports of coal coke not shown separately by state.



TABLE 17.5
Electric Energy Production and Installed Generating Capacity
for the U.S., Virginia, and Surrounding States: 1975-1987

	Production				Installed Capacity			
	1987	1986	1980	1975	1987	1986	1980	1975
United States	2,572.1	2,487.3	2,286.4	1,917.6	718.1	707.7	613.5	508.3
Virginia	42.7	42.6	34.3	35.3	13.6	13.6	11.7	9.7
Delaware	8.5	8.4	6.7	6.0	1.9	1.9	1.6	1.5
District of Columbia	0.2	0.2	0.7	1.2	0.9	0.9	1.2	1.3
Florida	110.8	108.5	95.9	77.8	35.7	34.9	29.0	21.7
Georgia	85.8	74.9	63.3	41.7	20.9	19.6	16.3	13.0
Kentucky	67.5	66.9	57.1	51.1	16.6	16.8	13.6	12.1
Maryland	8.5	37.7	32.2	26.9	1.9	10.4	9.2	7.6
North Carolina	78.8	76.8	72.1	53.3	20.8	19.8	15.6	15.0
South Carolina	64.4	56.5	41.9	38.6	16.3	16.3	11.7	10.7
Tennessee	58.3	56.5	60.2	54.6	18.3	18.3	15.9	14.3
West Virginia	72.4	77.5	70.8	61.4	15.2	15.2	15.2	11.9

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States, 1988*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Production" in billions of kWh.
 "Installed Capacity" in millions of kw.

TABLE 17.6
Electric Generating Plants Operating in Virginia: 1987

Company Plant (Locality)	Unit ID	Capacity (Megawatts)	Primary Energy Source	Year of Initial Operation
A & N Electric Coop. Tangier (Accomack)	2	0.2	#2 Fuel Oil	1961
	3	0.7	#2 Fuel Oil	1974
	4	1.1	#2 Fuel Oil	1974
Appalachian Power Co.: Buck (Carroll)	1	2.8	Water	1912
	2	2.8	Water	1912
	3	2.8	Water	1912
Byllesby 2 (Carroll)	1	5.4	Water	1912
	2	5.4	Water	1912
	3	5.4	Water	1912
Clinch River (Russell)	4	5.4	Water	1912
	1	237.5	Bituminous Coal	1958
	2	237.5	Bituminous Coal	1958
Glen Lyn (Giles)	3	237.5	Bituminous Coal	1961
	5	100.0	Bituminous Coal	1944
	6	237.5	Bituminous Coal	1957
Leesville (Campbell)	1	20.0	Water	1964
	2	20.0	Water	1964
Niagara (Roanoke Co.)	1	1.2	Water	1954
	2	1.2	Water	1954
Reusens (Campbell)	1	2.5	Water	1903
	2	2.5	Water	1903
	3	2.5	Water	1903
	4	2.5	Water	1903
	5	2.5	Water	1903

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TABLE 17.6

Electric Generating Plants Operating in Virginia: 1987, *CONTINUED*

Company Plant (Locality)	Unit ID	Capacity (Megawatts)	Primary Energy Source	Year of Initial Operation
Smith Mountain (Franklin)	1	66.0	Water	1965
	2	150.1	Water	1965
	3	115.3	Water	1980
	4	150.1	Water	1965
	5	66.0	Water	1965
Bedford, City of: Snowden (Amherst)	1	0.5	Water	1925
	2	0.3	Water	1925
	3	0.5	Water	1925
	4	2.5	Water	1987
	5	2.5	Water	1987
Corp of Engineers John H. Kerr (Mecklenburg)	1	12.0	Water	1952
	2	32.0	Water	1952
	3	32.0	Water	1953
	4	32.0	Water	1953
	5	32.0	Water	1953
	6	32.0	Water	1953
	7	32.0	Water	1953
Philpott Lake (Henry)	1	6.7	Water	1953
	2	6.7	Water	1953
	3	0.6	Water	1953
Craig Botetourt Electric Coop. Meadow Creek (Craig)	1	0.3	Water	1938
Culpeper, Town of: Culpeper (Culpeper)	1	0.9	Natural Gas	1951
	1T	0.8	#2 Fuel Oil	1974
	2T	0.8	#2 Fuel Oil	1974
	4	1.5	Natural Gas	1961
	5	1.2	Natural Gas	1959
	6	0.9	Natural Gas	1947
Danville, City of: Pinnacles (Patrick)	1	3.4	Water	1938
	2	3.4	Water	1938
	3	3.4	Water	1938
Delmarva Power & Light Co.: Bayview (Northampton)	1	2.0	#2 Fuel Oil	1963
	2	2.0	#2 Fuel Oil	1963
	3	2.0	#2 Fuel Oil	1963
	4	2.0	#2 Fuel Oil	1963
	5	2.0	#2 Fuel Oil	1963
	6	2.0	#2 Fuel Oil	1963
Cape Charles (Northampton)	1C1	1.1	#2 Fuel Oil	1952
	1C2	1.1	#2 Fuel Oil	1952
Tasley (Accomack)	1C1	0.3	#2 Fuel Oil	1951
	1C2	0.5	#2 Fuel Oil	1952
	1C3	0.5	#2 Fuel Oil	1965
	10	27.0	#2 Fuel Oil	1972
Martinsville, City of: Martinsville (Henry)	1	1.3	Water	1924
Potomac Edison Co.: Luray (Page)	1	0.6	Water	1927
	2	0.4	Water	1927
	3	0.6	Water	1927
Newport (Page)	1	0.4	Water	1923
	2	0.4	Water	1923
	3	0.6	Water	1925

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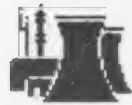


TABLE 17.6
Electric Generating Plants Operating in Virginia: 1987, *CONTINUED*

Company Plant (Locality)	Unit ID	Capacity (Megawatts)	Primary Energy Source	Year of Initial Operation
Shenandoah (Page)	1	0.1	Water	1925
	2	0.3	Water	1925
	3	0.3	Water	1929
	4	0.3	Water	1929
Warren (Page)	1	0.3	Water	1924
	2	0.3	Water	1924
	3	0.3	Water	1928
Potomac Electric Power Co. Potomac River (Alexandria)	1	92.0	Bituminous Coal	1949
	2	92.0	Bituminous Coal	1950
	3	110.0	Bituminous Coal	1954
	4	110.0	Bituminous Coal	1956
	5	110.0	Bituminous Coal	1957
Radford, City of Radford (Pulaski)	1	1.0	Water	1934
Virginia Electric & Power Co. Bath County	1*	350.1	Water	1985
	2*	350.1	Water	1985
	3*	350.1	Water	1985
	4*	350.1	Water	1985
	5*	350.1	Water	1985
	6*	350.1	Water	1985
Bremo Bluff (Fluvanna)	3	69.0	Bituminous Coal	1950
	4	185.3	Bituminous Coal	1958
Chesapeake	GT1	18.6	#2 Fuel Oil	1967
	GT2	16.3	#2 Fuel Oil	1969
	GT4	1* 3	#2 Fuel Oil	1969
	ST1	132.3	Bituminous Coal	1953
	ST2	132.3	Bituminous Coal	1954
	ST4	239.4	Bituminous Coal	1962
	10	23.8	#2 Fuel Oil	1970
	3	185.3	Bituminous Coal	1959
	6	16.3	#2 Fuel Oil	1969
	7	23.8	#2 Fuel Oil	1969
Chesterfield	8	23.8	#2 Fuel Oil	1969
	9	23.8	#2 Fuel Oil	1970
	3	112.5	Bituminous Coal	1952
	4	187.5	Bituminous Coal	1960
	5	359.0	Bituminous Coal	1964
	6	693.9	Bituminous Coal	1969
Cushaw (Amherst)	1	1.5	Water	1930
	2	1.5	Water	1930
	3	1.5	Water	1930
	4	1.5	Water	1930
	5	1.5	Water	1930
Low Moor (Alleghany)	GT1	20.7	#2 Fuel Oil	1971
	GT2	20.7	#2 Fuel Oil	1971
	GT3	20.7	#2 Fuel Oil	1971
	GT4	20.7	#2 Fuel Oil	1971
North Anna (Louisa)	HC1	1.0	Water	1987
	1*	979.7	Uranium	1978
	2*	979.7	Uranium	1980
Northern Neck (Richmond Co.)	GT1	20.7	#2 Fuel Oil	1971
	GT2	20.7	#2 Fuel Oil	1971
	GT3	20.7	#2 Fuel Oil	1971
	GT4	20.7	#2 Fuel Oil	1971
Possum Point (Prince William)	GT1	16.0	#2 Fuel Oil	1968
	GT2	16.0	#2 Fuel Oil	1968
	GT3	16.0	#2 Fuel Oil	1968
	GT4	16.0	#2 Fuel Oil	1968
	GT5	16.0	#2 Fuel Oil	1968
	GT6	16.0	#2 Fuel Oil	1968

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TABLE 17.6
Electric Generating Plants Operating in Virginia: 1987, *CONTINUED*

Company Plant (Locality)	Unit ID	Capacity (Megawatts)	Primary Energy Source	Year of Initial Operation
Sully	1	69.0	#6 Fuel Oil	1948
	2	69.0	#6 Fuel Oil	1951
	3	113.6	Bituminous Coal	1955
	4	239.4	Bituminous Coal	1962
	5	882.0	#6 Fuel Oil	1975
	GT1	16.3	#2 Fuel Oil	1970
	GT2	23.8	#2 Fuel Oil	1970
	1	847.5	Uranium	1972
Yorktown (York)	2	847.5	Uranium	1973
	1	187.5	Bituminous Coal	1957
	2	187.5	Bituminous Coal	1958
	3	882.0	#6 Fuel Oil	1974

SOURCE: U.S. Department of Energy, Energy Information Administration, *Inventory of Power Plants in the United States 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: Plants in operation as of December.

*A jointly owned unit. Bath County Units 1-6 are jointly owned with Allegheny Power System Inc. North Anna Units 1 and 2 are jointly owned with Small Mun. & Coop.

TABLE 17.7
**Electric Energy Sales by Class of Service for the U.S.,
 Virginia, and Surrounding States: 1986 and 1987**

	1987				1986			
	Total	Resi- dential	Com- mercial	Indus- trial	Total	Resi- dential	Com- mercial	Indus- trial
United States	2,455.4	849.6	673.7	845.3	2,350.8	817.7	641.5	808.3
Virginia	66.9	26.6	17.7	14.5	62.8	25.2	16.5	14.2
Delaware	7.0	2.3	1.9	2.6	6.8	2.1	1.8	2.8
District of Columbia								
Florida	122.1	60.2	41.2	16.8	116.4	57.8	38.9	15.9
Georgia	68.9	25.3	18.3	24.6	66.1	24.3	17.2	23.8
Kentucky	51.3	16.3	8.9	23.8	50.5	15.6	8.5	24.1
Maryland ¹	53.9	18.6	14.9	19.4	50.5	17.1	14.1	18.4
North Carolina	78.3	29.6	19.5	28.2	74.2	27.7	18.2	26.8
South Carolina	52.0	16.8	10.3	24.0	49.2	16.1	9.8	22.7
Tennessee	70.5	27.7	18.6	23.4	68.9	27.2	18.2	22.7
West Virginia	21.1	7.3	4.6	9.1	20.6	7.0	4.5	9.0

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In billions of kilowatt hours.

*Total includes other service, not shown separately.

¹Includes District of Columbia.



TABLE 17.8
Typical Residential Electric Bills for the U.S., Virginia,
and Surrounding States: 1987 and 1988

	1988			1987		
	500 kwh	1,000 kwh	2,500 kwh	500 kwh	1,000 kwh	2,500 kwh
United States	\$41.21	\$74.15	\$171.13	\$40.88	\$74.57	\$168.69
Virginia	38.39	68.03	144.04	38.05	67.27	141.87
Delaware	45.48	81.78	157.22	45.92	72.92	152.03
District of Columbia	25.97	52.90	131.91	29.24	59.50	148.41
Florida	41.53	78.68	194.35	39.69	74.88	184.86
Georgia	35.51	62.47	139.81	32.50	58.84	134.55
Kentucky	29.19	51.29	115.71	30.85	53.37	123.97
Maryland	36.51	61.20	136.24	39.42	65.27	143.81
North Carolina	39.92	73.52	164.65	40.72	74.90	165.85
South Carolina	39.33	69.88	162.20	40.20	71.01	162.98
Tennessee	29.78	56.24	138.52	29.24	55.21	136.00
West Virginia	33.57	60.58	139.73	34.77	62.79	144.92

SOURCE: U.S. Department of Energy, Energy Information Administration. *Typical Electric Bills Based on January 1, 1988*. Rates: U.S. Government Printing Office, Washington, D.C., annual.

NOTES: As of January 1. Figures are in dollars.
 kwh stands for kilowatt hours.

TABLE 17.9
Sales of Electricity to Ultimate Consumers by Type, Virginia: 1981-1987

Consumer	1987	1986	1985	1984	1983	1982	1981
Total Sales	66,911	62,823	58,513	55,586	53,543	51,172	50,748
Residential	26,613	25,157	23,240	22,167	21,588	20,343	20,579
Commercial	17,745	16,457	15,178	13,969	13,222	12,716	12,592
Industrial	14,543	14,239	13,516	13,226	12,733	12,300	11,931
Other	8,009	6,969	6,579	6,225	6,000	5,812	5,646

SOURCE: U.S. Department of Energy, Energy Information Administration. *Electric Power Annual 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In gigawatt hours.

TABLE 17.10
Electricity Generation by Type of Plant, Virginia: 1981-1987

Type	1987	1986	1985	1984	1983	1982	1981
Total	42,697	42,643	42,084	38,152	37,723	36,600	37,481
Coal-fired steam	20,621	18,132	17,811	18,069	16,055	16,174	15,380
Petroleum-fired steam	2,930	3,151	974	1,557	1,487	1,821	3,673
Gas-fired steam	155	66	133	291	276	224	66
Petroleum combustion turbine	31	25	33	24	36	29	123
Gas combustion turbine	8	7	12	11	14	19	83
Hydroelectric	807	47	818	1,154	1,182	913	338
Nuclear	18,145	21,215	22,303	17,045	18,674	17,420	17,818

SOURCE: U.S. Department of Energy, Energy Information Administration. *Electric Power Annual 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In gigawatt hours.

TABLE 17.11
Fuel Consumption of Electricity Generating Plants by Type of Plant, Virginia: 1981-1987

Type	1987	1986	1985	1984	1983	1982	1981
Coal-fired steam	8,297	7,345	7,166	7,323	6,577	6,596	6,550
Petroleum-fired steam	4,512	4,828	1,554	2,567	2,629	3,243	6,538
Gas-fired steam	1,597	716	1,334	2,974	3,114	2,695	729
Petroleum combustion turbine	87	82	87	60	96	81	338
Gas combustion turbine	127	131	194	178	216	326	1,451

SOURCE: U.S. Department of Energy, Energy Information Administration. *Electric Power Annual 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Coal-fired steam" in thousands of short tons.
"Petroleum-fired steam" and "Petroleum combustion turbine" in thousands of barrels.
"Gas-fired steam" and "Gas combustion turbine" in millions of cubic feet.



TABLE 17.12
Natural Gas Consumption in the U.S., Virginia, and Surrounding States: 1986

	Delivered to Consumers		Lease & Plant Fuel		Pipeline Fuel	
	Quantity	Value	Quantity	Value	Quantity	Value
United States	14,813,731	\$61,245,521	922,524	\$1,867,191	485,041	\$1,222,710
Virginia	135,725	712,762	438	1,073	4,861	16,374
Delaware	33,055	148,268			4	15
District of Columbia	29,229	200,577			357	1,287
Florida	278,439	796,111	6,156	7,388	3,946	7,060
Georgia	273,799	1,387,599			5,283	17,530
Kentucky	140,704	637,954	6,335	16,849	20,134	49,201
Maryland	150,477	931,935	1	1	2,064	6,584
North Carolina	130,787	644,597			5,032	17,067
South Carolina	96,175	435,856			2,374	8,005
Tennessee	174,333	754,650	98	174	13,569	31,125
West Virginia	89,533	478,739	6,658	25,798	16,382	56,323

SOURCE: U.S. Department of Energy, Energy Information Administration. *Natural Gas Annual 1987 Volume II*, U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Quantity" in millions of cubic feet.
 "Value" in thousands of dollars.

TABLE 17.13
Dedicated Gas Production and Reserves by Type
for the U.S., Virginia, and Surrounding States: 1987

	1987 Year-End Reserves			Production
	Total	Nonassociated	Other	
United States	65,135,136	59,336,216	5,798,920	6,655,016
Virginia	103,558	103,558	---	85,059
Delaware	---	---	---	---
District of Columbia	---	---	---	---
Florida	13,641	---	13,641	2,189
Georgia	---	---	---	---
Kentucky	703,294	703,294	---	46,404
Maryland	43,549	43,549	---	45
North Carolina	---	---	---	---
South Carolina	---	---	---	---
Tennessee	18,925	---	18,925	2,995
West Virginia	1,692,048	1,692,048	---	122,585

SOURCE: U.S. Department of Energy, Energy Information Administration. *Gas Supplies of Interstate Natural Gas Pipeline Companies, 1987*, U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In millions of cubic feet.
 "Nonassociated Reserves" is natural gas in reservoirs that do not contain significant quantities of crude oil.
 "Other Reserves" are reserves not explicitly reported as nonassociated.

TABLE 17.14
Gas Utility Industry Customers, Sales, and Revenues
for the U.S., Virginia, and Surrounding States: 1986

	Customers		Sales		Revenues	
	Total	Residential	Total	Residential	Total	Residential
United States	50,710	46,588	11,126	4,380	\$51,194	\$24,750
Virginia	585	527	125	47	669	306
Delaware	87	81	22	7	115	49
District of Columbia	146	131	30	13	204	97
Florida	463	421	240	14	701	98
Georgia	1,247	1,154	237	90	1,222	579
Kentucky	648	587	120	61	545	294
Maryland	809	750	123	69	755	457
North Carolina	467	412	130	32	608	205
South Carolina	325	291	93	18	422	114
Tennessee	564	488	145	41	615	197
West Virginia	387	355	72	40	400	241

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Customers" in thousands. Averages for the year.
 "Customers-Total" includes other service, not shown separately.
 "Sales" in trillions of Btu. Excludes sales for resale.
 "Revenues" in millions of dollars.

TABLE 17.15
Average Price of Natural Gas Delivered to Consumers in
the U.S., Virginia, and Surrounding States: 1986 and 1987

	Residential		Commercial		Industrial		Electric Utilities	
	1987	1986	1987	1986	1987	1986	1987	1986
United States	\$5.54	\$5.83	\$4.78	\$5.08	\$2.94	\$3.23	\$2.32	\$2.43
Virginia	5.86	6.49	4.66	5.27	3.63	3.96	2.53	2.11
Delaware	6.32	7.09	5.17	6.36	3.30	3.47	2.84	2.82
District of Columbia	7.09	7.52	5.01	5.91	...	...	...	...
Florida	7.43	7.20	4.69	4.43	3.29	3.06	2.73	2.10
Georgia	6.34	6.63	5.40	5.61	3.66	3.91	3.80	2.05
Kentucky	4.53	4.93	4.26	4.73	3.39	3.93	2.85	3.02
Maryland	6.37	6.88	5.10	5.74	5.14	5.62	2.80	2.36
North Carolina	6.66	6.62	5.21	5.56	3.76	4.00	3.19	2.83
South Carolina	6.59	6.54	5.60	5.63	3.93	3.73	3.45	2.27
Tennessee	4.68	4.97	4.33	4.67	3.15	3.89	...	...
West Virginia	5.98	6.34	5.48	5.89	3.48	4.15	3.91	3.99

SOURCE: U.S. Department of Energy, Energy Information Administration. *Natural Gas Annual 1987 Volume II*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: Dollars per thousand cubic feet.
 "Commercial" deliveries include deliveries to local, State, and Federal agencies engaged in nonmanufacturing activities.

**TABLE 17.16**

Number of Producing Gas and Gas Condensate Wells in the U.S., Virginia, and Surrounding States: 1980–1987

	1987	1986	1985	1984	1983	1982	1981	1980
United States	249,225	241,527	243,344	233,853	221,952	210,753	198,839	182,004
Virginia	689	573	495	425	299	298	288	258
Delaware								
District of Columbia								
Florida								
Georgia								
Kentucky	10,366	9,747	9,285	8,798	8,532	8,219	8,151	7,984
Maryland	8	6	7	9	8	6	10	9
North Carolina								
South Carolina								
Tennessee	840	921	988	780	540	340	255	177
West Virginia	34,300	33,400	32,475	31,150	29,675	27,450	27,200	25,900

SOURCE: U.S. Department of Energy, Energy Information Administration. *Natural Gas Annual 1987 Volume II*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: As of December 31.

TABLE 17.17

Natural Gas Statistics for Virginia: 1983–1987

	1987	1986	1985	1984	1983
Reserves	248	253	235	216	175
Producing wells	689	573	495	425	299
Production	19,223	15,427	15,041	8,901	4,346
Supply	982,787	962,931	944,967	936,936	950,081
Consumption	142,096	141,024	139,458	143,582	142,944
To consumers	135,079	135,725	134,589	136,757	135,611
Residential	55,421	51,517	48,752	51,439	47,318
Commercial	38,822	35,453	33,975	34,825	38,457
Industrial	39,113	47,907	50,334	47,340	46,506
Electric utilities	1,724	847	1,528	3,152	3,330
Pipeline fuel	6,348	4,861	4,426	6,553	7,209
Lease and plant fuel	669	438	443	272	124
Number of consumers:					
Residential	550	536	525	513	505
Commercial	54	48	46	44	45
Industrial	1	(Z)	1	1	1
Average annual consumption per consumer:					
Residential	101	96	93	100	94
Commercial	718	739	739	793	857
Industrial	44,598	50,481	54,651	44,455	51,904
Average annual cost per consumer:					
Residential	\$590	624	652	701	659
Commercial	\$3,346	3,893	4,420	4,838	5,342
Average prices for natural gas:					
Wellhead (marketed production)	\$2.08	2.45	3.02	3.00	3.30
Pipeline fuel	\$2.68	3.37	3.35	3.49	3.59

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TABLE 17.17

Natural Gas Statistics for Virginia: 1983-1987, *CONTINUED*

	1987	1986	1985	1984	1983
City gate	\$3.00	3.54	4.22	4.33	NA
Delivered to consumers	\$4.94	5.25	5.88	6.00	6.06
Residential	\$5.86	6.49	7.02	6.99	7.03
Commercial	\$4.66	5.27	5.98	6.10	6.24
Industrial	\$3.63	3.96	4.78	4.94	5.04
Electric utilities	\$2.53	2.11	3.57	4.39	4.39

SOURCE: U.S. Department of Energy, Energy Information Administration, *Natural Gas Annual 1987 Volume I*, Washington, D.C., annual.

NOTES: "Reserves" in billions of cubic feet.
 "Production," "Supply," and "Consumption" in millions of cubic feet.
 "Supply" includes dry production, receipts at the state border, withdrawals from storage, and supplemental gas supplies.
 "Number of consumers" in thousands.
 "Average annual consumption" in thousands of cubic feet.
 "Average annual cost per consumer" in dollars.
 "Average prices" in dollars per thousand cubic feet.
 Z—Less than 500.
 NA—Not available.

TABLE 17.18

Dedicated Gas Reserves, Changes in Gas Reserves, Production and R/P Ratios, Virginia: 1963-1987

Year	Year-End Reserves	Annual Production	Net Change in Reserves	R/P Ratio
1987	103,558	85,059	-30,396	1.2
1986	133,954	61,366	23	2.2
1985	133,931	14,251	21,067	9.4
1984	112,864	8,976	-4,977	12.6
1983	117,841	4,323	-3,677	27.3
1982	121,518	6,905	3,860	17.6
1981	117,658	8,897	9,633	13.2
1980	108,025	7,818	768	13.8
1975	41,014	6,406	2,491	6.4
1970	28,088	2,378	8,536	11.8
1965	17,300	3,521	5,305	4.9
1963	10,818	1,439	...	7.5

SOURCE: U.S. Department of Energy, Energy Information Administration, *Gas Supplies of Interstate Natural Gas Pipeline Companies, 1987*, U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In millions of cubic feet.
 "R/P Ratio" measures the ratio of reserves to production.

**TABLE 17.19****Natural Gas Deliveries to Large End-Users by Industry, Virginia: 1982-1985**

SIC Code	Industry	1984-1985	1983-1984	1982-1983
07	Agricultural Services	...	110,677	108,908
14	Mining/Quarrying of Nonmetallic Minerals	...	...	...
20	Food and Kindred Products	3,365,120	2,883,729	3,087,370
21	Tobacco Manufacturers	633,861	643,627	714,572
22	Textile Mill Products	1,051,447	1,148,655	1,562,374
24	Lumber Products, Except Furniture	632,700	591,487	622,975
26	Paper and Allied Products	323,850	952,192	1,739,705
27	Printing, Publishing, and Allied Products	213,527	204,998	179,860
28	Chemicals and Allied Products	20,490,962	20,186,482	19,722,067
29	Petroleum Refining and Related Industry	415,194	449,138	468,252
30	Rubber and Leather Products	1,794,562	1,965,379	1,825,037
32	Stone, Clay, Glass and Concrete Products	2,654,662	3,433,915	3,628,103
33	Primary Metal Industries	3,648,601	2,925,473	2,422,441
34	Fabricated Metal Products	510,198	515,860	482,008
35	Machinery, Except Electrical	349,953	255,320	108,893
36	Electrical Machinery and Supplies	201,580	322,581	349,451
37	Transportation Equipment	629,782	339,843	285,919
39	Miscellaneous Manufacturing Industries	481,043	705,516	242,710
40	Railroad Transportation	...	...	...
45	Transportation by Air	176,088	175,043	158,639
49	Electric Utilities	3,046,547	3,069,681	2,627,308
80	Hospitals	1,073,741	1,155,838	1,164,860
82	Schools	517,403	500,085	457,474
86	Membership Organization	...	...	...
91	Executive, Legislative, General Government	293,228	316,907	321,957
92	Justice, Public Order and Safety	...	...	...
95	Administration of Environmental Quality	132,881	269,803	319,879
97	National Security, International Affairs	104,816	...	...
State Total To Large End-Users		42,741,923	43,122,384	42,600,944

SOURCE: U.S. Department of Energy, Energy Information Administration, *Natural Gas Annual 1984*, U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In thousands of cubic feet.

TABLE 17.20**Coal Production Statistics for the U.S., Virginia, and Surrounding States: 1986**

	Number of Mines	Production	Average Mine Price	Average Number of Miners Working Daily	Average Production Per Miner Per Hour	Recoverable Coal Reserves
United States	4,424	890,315	\$23.79	154,645	3.01	25,047.7
Virginia	500	41,178	28.13	13,141	1.90	499.1
Delaware	...	...	...	...	...	...
District of Columbia	...	...	...	...	...	...
Florida	...	...	...	...	...	...
Georgia	...	...	...	...	...	...
Kentucky	1,553	153,933	26.09	32,654	2.45	1,729.8

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TABLE 17.20
Coal Production Statistics for the U.S., Virginia,
and Surrounding States: 1986, *CONTINUED*

	Number of Mines	Production	Average Mine Price	Average Number of Miners Working Daily	Average Production Per Miner Per Hour	Recoverable Coal Reserves
Maryland	38	3,906	25.96	604	3.50	72.7
North Carolina						
South Carolina						
Tennessee	110	6,870	28.00	2,240	1.57	84.2
West Virginia	796	129,907	30.90	33,540	2.19	2,674.2

SOURCE: U.S. Department of Energy, Energy Information Administration, *Coal Production 1986*, Washington, D.C., annual, (Microfiche.)

NOTES: "Production" in thousands of short tons.
 "Average Mine Price" in dollars per short ton.
 "Average Number of Miners Working Daily" includes all employees engaged in production, preparation, processing, development, maintenance, repair, shop, or yard work at mining operations. Excludes office workers. Includes mining operations management and all technical and engineering personnel.
 "Average Production Per Miner Per Hour" in short tons.
 "Recoverable Coal Reserves" in millions of short tons.

TABLE 17.21
Coal Production Statistics for Virginia: 1970-1986

	1986	1985	1984	1983	1980	1975	1970
Production	41,178	40,940	40,368	35,027	41,009	35,510	35,016
Underground	34,054	33,550	32,896	27,111	32,358	23,181	28,018
Surface	4,124	7,390	7,473	7,916	8,651	12,329	6,998
Average mine price	\$28.13	30.16	31.17	31.86	34.54	30.46	7.03
Total value of production	\$1,158	1,235	1,258	1,116	1,418	1,082	246
Percent of U.S. production	4.6%	4.6	4.5	4.5	4.9	5.4	5.7
Number of mines	500	509	567	438	502	745	803
Underground	369	390	419	333	387	374	566
Surface	131	119	148	105	115	371	237
Employment	13,141	13,268	14,091	12,753	15,876	16,510	10,630
Underground	11,367	11,553	12,250	10,793	13,569	13,360	9,567
Surface	1,774	1,715	1,841	1,960	2,307	3,150	1,063
Consumption	11,857	11,656	12,168	10,888	9,291	6,561	11,065
Electric utilities	7,345	7,166	7,323	6,577	5,560	3,989	6,661
Coke plants	1,139	1,155	1,282	1,156	856	...	22
Other industrial plants	3,373	3,334	3,563	3,155	2,875	2,572	4,382
Residential and commercial	(C)	(C)	(C)	(C)	(C)	(C)	(C)

SOURCE: U.S. Department of Energy, Energy Information Administration, *Coal Production 1986*, Washington, D.C., annual, (Microfiche.)

NOTES: "Production" and "Consumption" in thousands of short tons.
 "Average mine price" in dollars per short ton.
 "Total Value of Production" in millions of dollars.
 C—For 1970 and 1975 data for coke plants combined with residential and commercial to avoid disclosure of individual company data. For 1980-86 data for other industrial plants combined with residential and commercial.



TABLE 17.22
Coal Production Statistics for Virginia Localities: 1980–1988

Locality	1988	1987	1986	1985	1984	1983	1982	1980
Buchanan County	19,769	18,883	16,325	15,378	15,509	12,130	15,242	17,722
Dickenson County	8,000	8,333	8,111	7,063	7,149	6,996	6,583	5,884
Lee County	2,566	3,118	2,331	1,776	2,044	1,892	1,701	1,180
Montgomery County	6	...	...	1	...	...	...	...
Pulaski County	...	...	...	...	...	...	9	...
Russell County	361	484	880	1,002	1,184	1,449	1,348	1,477
Scott County	122	115	124	105	19	...	...	11
Tazewell County	3,154	1,980	2,258	2,948	2,230	1,000	2,410	2,192
Wise County	12,387	12,674	11,739	14,104	13,291	12,039	13,189	12,544
Total	46,365	45,538	41,768	42,376	41,425	35,506	40,481	41,009

SOURCES: Commonwealth of Virginia, Department of Mines, Minerals, and Energy. *Summary of Coal Mining in Virginia*. Big Stone Gap, Virginia. (Computer printout.); Commonwealth of Virginia, Virginia Department of Labor and Industry. *1984 Annual Report*. Richmond, Virginia, annual; Commonwealth of Virginia, Virginia Department of Labor and Industry. *1982–1983 Biennial Report*. Richmond, Virginia, 1984.

NOTE: In thousands of tons.

TABLE 17.23
Coal Production Workers in Virginia Localities: 1980–1988

Locality	1988	1987	1986	1985	1984	1983	1982	1980
Buchanan County	4,779	4,898	5,281	5,279	5,468	4,144	6,181	6,700
Dickenson County	2,052	2,296	2,421	2,159	2,280	1,961	2,178	2,070
Lee County	535	698	805	651	676	549	561	431
Montgomery	5	...	...	2	...	...	...	...
Pulaski County	...	...	...	...	...	...	2	...
Russell County	153	145	230	325	403	360	491	596
Scott County	30	50	43	44	25	...	...	11
Tazewell County	687	590	548	771	934	296	799	786
Wise County	2,845	3,089	3,197	3,390	3,903	3,104	3,796	3,805
Total	11,096	11,766	12,525	12,621	13,689	10,414	14,008	14,399

SOURCES: Commonwealth of Virginia, Department of Mines, Minerals, and Energy. *Summary of Coal Mining in Virginia*. Big Stone Gap, Virginia. (Computer printout.); Commonwealth of Virginia, Virginia Department of Labor and Industry. *1984 Annual Report*. Richmond, Virginia, annual; Commonwealth of Virginia, Virginia Department of Labor and Industry. *1982–1983 Biennial Report*. Richmond, Virginia, 1984.

TABLE 17.24
Production and Fatalities in Virginia Coal Mines: 1953-1988

Year	Fatal Accidents	Production	Fatality Rate
1988	5	48,000	0.10
1987	3	44,194	0.07
1986	11	41,178	0.27
1985	9	40,940	0.22
1984	12	41,425	0.29
1983	12	35,506	0.34
1982	17	40,481	0.42
1981	16	41,978	0.38
1980	12	41,009	0.29
1975	9	35,506	0.25
1970	27	34,975	0.77
1965	25	34,063	0.73
1960	22	26,706	0.82
1955	33	21,849	1.51
1953	31	18,763	1.65

SOURCES: Commonwealth of Virginia, Department of Mines, Minerals, and Energy. *Summary of Coal Mining in Virginia: Big Stone Gap, Virginia* (Computer printout). Commonwealth of Virginia, Virginia Department of Labor and Industry. *1984 Annual Report*. Richmond, Virginia, annual; Commonwealth of Virginia, Virginia Department of Labor and Industry. *1982-1983 Biennial Report*. Richmond, Virginia, 1984.

NOTES: "Production" in thousands of tons.
 "Fatality Rate" per million tons.

TABLE 17.25
Units and Capability of Nuclear Power Plants for the U.S., Virginia, and Surrounding States: 1987

	Number of Units	Net Summer Capability		Net Generation	
		Total	Percent	Total	Percent
United States	107	93.6	13.9%	455,270	17.7%
Virginia	4	3.4	26.4	18,145	42.05
Delaware	...	...	...	...	...
District of Columbia	...	...	...	...	...
Florida	5	3.7	11.7	18,733	16.9
Georgia	3	2.6	13.9	15,259	17.8
Kentucky	...	...	...	...	...
Maryland	2	1.7	17.2	10,070	27.8
North Carolina	5	4.7	23.7	28,600	36.3
South Carolina	7	6.4	43.0	39,290	61.0
Tennessee ¹	2	2.3	13.5	-108	NA
West Virginia	...	...	...	...	...

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Net Summer Capability-Total" in millions of kW.
 "Net Generation-Total" in millions of KWh.
¹Negative generation indicates that electric power consumed for plant exceeds gross generation.
 NA—Not applicable.

**TABLE 17.26**

Crude Oil Production, and Refinery and Bulk Terminal Stocks of Selected Petroleum Products, for the U.S., Virginia, and Surrounding States: 1987

	Crude Oil Production	Refinery & Bulk Terminal Stocks				
		Leaded Motor Gasoline	Unleaded Motor Gasoline	Kerosene	Distillate Fuel Oil	Residual Fuel Oil
United States	3,047,378	40,534	96,456	7,521	106,474	47,212
Virginia	17	694	2,350	196	2,834	772
Delaware		329	1,944	232	2,555	1,516
District of Columbia						...
Florida	8,270	1,216	5,227	258	1,853	1,115
Georgia		813	1,872	98	1,202	263
Kentucky	5,743	754	837	95	1,232	(C)
Maryland						...
North Carolina		997	1,684	412	1,574	404
South Carolina		564	1,240	195	983	(C)
Tennessee	614	774	1,295	88	1,032	246
West Virginia	2,635	108	126	(C)	117	(C)

SOURCE: U.S. Department of Energy, Energy Information Administration. *Petroleum Supply Annual*, 1987. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In thousands of barrels.

"Refinery & Bulk Terminal Stocks" data as of December 31, 1987.

Data for Delaware, Maryland, and the District of Columbia combined and listed for Delaware.

C—Withheld to avoid disclosure of individual company data.

TABLE 17.27

Sales Price of Motor Gasoline by Grade for the U.S., Virginia, and Surrounding States: 1987 and 1988

	Gasoline Excise Taxes 1987	Leaded Regular		Unleaded Regular		Premium	
		1988	1987	1988	1987	1988	1987
United States	14.5	59.6¢	60.4¢	61.5¢	62.6¢	74.5¢	77.9¢
Virginia	17.5¢^a	61.3	59.2	66.0	62.8	77.3	76.7
Delaware	16.0	59.5	59.8	58.6	61.7	72.0	73.0
District of Columbia	15.5	(C)	(C)	(C)	(C)	(C)	(C)
Florida	4.0 ^a	61.4	56.8	62.4	61.0	74.8	74.6
Georgia	7.5	55.0	56.4	58.3	62.4	74.0	77.0
Kentucky	15.0	59.5	58.9	60.7	62.2	71.8	73.2
Maryland	18.5	63.7	60.7	63.4	63.2	74.0	73.8
North Carolina	15.5	57.1	58.0	61.5	63.0	75.0	74.7
South Carolina	15.0	57.9	57.6	62.0	62.5	75.7	73.0
Tennessee	17.0 ^a	54.3	56.1	57.8	60.5	71.2	72.3
West Virginia	10.5	65.6	63.7	67.2	67.3	79.7	78.1

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States*, 1989. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In cents per gallon. Represents all refinery and gas plant operators' sales through company-operated retail outlets. Gasoline prices exclude excise taxes.

^aPlus local taxes, if any.

C—Withheld to avoid disclosure of data.



Section 18: Social Insurance and Welfare

This section presents data on federal and state programs that provide financial assistance to individuals, including social security (OASDI), Supplemental Security Income, Medicare and Medicaid, Aid to Families with Dependent Children, Black Lung benefits, and unemployment insurance. Additional information on the finances of many of these programs will be found in Section 11 (Government Finance), and related data on the population living in poverty is in Section 12 (Income and Wealth).

The Social Security Administration (SSA) of the U.S. Department of Health and Human Services, which administers many of these programs, is the source for much of the data presented here. This agency publishes the *Social Security Bulletin*, with current monthly data on various programs, and an *Annual Statistical Supplement*, with a description of each program, its benefits, and historical data. Two other volumes from this agency, *OASDI Beneficiaries by State and County* and *Supplemental Security Income: State and County Data*, provided the information for localities in Tables 18.2, 18.3, 18.7, and 18.8. The SSA also compiles local data on contributions paid into the social security fund by workers (Table 18.22).

While some data on Medicare and Medicaid appear in these SSA publications, more are available in the reports of the Health Care Financing Organization (established in 1977 as a separate component within the Department of Health and Human Services). In addition, a private group, the Health Insurance Association of America, also provides statistics on these programs in its *Source Book of Health Insurance Data*.

Two Virginia agencies compile data on different types of social insurance and welfare programs in the state. The Virginia Department of Social Services publishes a *Biennial Report* that contains statistics on public assistance cases, the food stamp program, and hospital care furnished under the State and Local Program for the Indigent. For unemployment insurance, the Virginia Employment Commission reports the number of compensation claims filed and the number of final payments made to unemployed workers. These figures appear in *Virginia Economic Indicators*, a quarterly publication of the VEC.

CONCEPTS

(The following brief descriptions of programs are adapted from the *Social Security Bulletin Annual Statistical Supplement, 1984-85*. Readers should consult this work for full explanations of each program.)

AID TO FAMILIES WITH DEPENDENT CHILDREN (AFDC)

The AFDC program was established as part of the original Social Security Act in 1935. This federal-state program provides aid for children under age 16 (or older in certain cases) who are deprived of parental support by reason of the death, absence from home, or incapacity of a parent.

BLACK LUNG BENEFIT PROGRAM

This program, established in 1969, provides monthly benefit payments to coal miners totally disabled as a result of pneumoconiosis, to the widows of coal miners who have died as a result of this disease, and to their dependents. The program is financed from the general funds of the U.S. Treasury.

MEDICAID/MEDICARE

Medicaid is designed to provide medical assistance to persons eligible for benefits under existing welfare programs. Receiving benefits under one of these programs (SSI or AFDC) generally means automatic eligibility for Medicaid. Medicare provides hospital insurance benefits to persons age 65 and over who receive monthly payments under the OASDI program or persons under 65 who are receiving disability benefits. In addition, persons eligible for Medicare may pay monthly premiums to enroll in a voluntary Supplementary Medical Insurance Program, which pays 80 percent of physicians' charges and other medical services.

OLD AGE, SURVIVORS, AND DISABILITY INSURANCE (OASDI)

The OASDI program provides monthly benefits to retired and disabled workers and their dependents and to survivors of insured workers. Benefits are related to past earnings; a person builds protection under the OASDI program through work in employment covered under social security.

SUPPLEMENTAL SECURITY INCOME (SSI)

The SSI program was established in 1972 to replace the federal-state programs of old-age assistance, aid to the blind, and aid to the permanently and totally disabled. Persons qualifying for the program on the basis of age, blindness, or disability receive a monthly cash payment that brings their total monthly income up to a specified level.



Figure 18.1
Social Security Beneficiaries: 1987

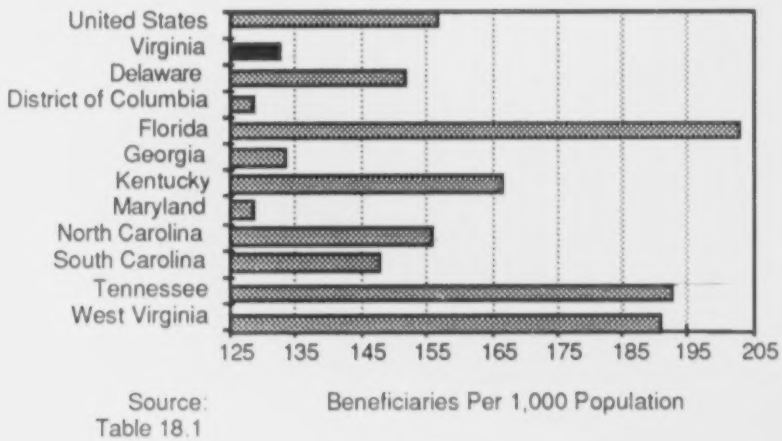


Figure 18.2
Aid to Families with Dependent Children
Average Monthly Payments Per Family: 1986

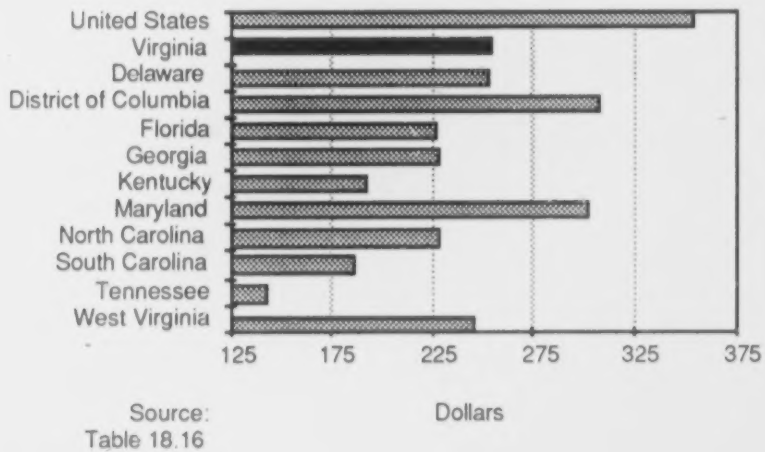


TABLE 18.1

Social Security (OASDI) Beneficiaries and Benefit Payments
for the U.S., Virginia, and Surrounding States: 1987

	Number of Beneficiaries				Benefit Payments			
	Total	Retired Workers	Survivors	Disabled Workers	Total	Retired Workers	Survivors	Disabled Workers
United States	38,190	26,988	7,157	4,045	\$204,156	\$141,329	\$42,315	\$20,512
Virginia	787	537	157	93	3,972	2,630	879	463
Delaware	98	71	17	10	554	390	109	55
District of Columbia	80	57	16	7	382	266	80	36
Florida	2,439	1,866	369	205	13,088	9,768	2,244	1,076
Georgia	832	533	176	123	4,046	2,548	919	579
Kentucky	624	385	137	98	2,996	1,811	732	453
Maryland	584	419	114	51	3,200	2,222	691	287
North Carolina	1,003	682	195	126	4,920	3,296	1,014	610
South Carolina	506	330	103	73	2,472	1,593	528	351
Tennessee	787	519	163	105	3,832	2,482	862	488
West Virginia	362	220	85	57	1,878	1,105	492	281

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Number of Beneficiaries" in thousands. Includes beneficiaries in current-payment status.
 "Benefit Payments" in millions of dollars.
 "Benefit Payments-Total" includes benefits for persons aged 72 and over not included under regular or transitional provisions of the Social Security Act.
 "Retired Workers" and "Disabled Workers" includes benefits payable to dependents.
 "Benefit Payments-Survivors" includes lump-sum payments to survivors of deceased workers.

TABLE 18.2

Number of OASDI Beneficiaries by Program for
Virginia's Counties and Cities: December, 1986

	Retirement Program			Disability Program		
	Total Persons	Retired Workers	Wives, Husbands & Children	Survivor Program	Workers	Wives, Husbands & Children
Virginia	777,540	457,940	69,640	158,040	63,680	28,240
Counties						
Accomack	7,410	4,580	620	1,410	530	270
Albemarle	5,110	3,200	430	980	430	70
Alleghany	460	(C)	(C)	(C)	(C)	(C)
Amelia	1,570	880	200	350	100	40
Amherst	4,460	2,440	540	950	340	190
Appomattox	1,990	1,210	160	360	210	50
Arlington	17,920	12,240	1,650	3,170	690	170
Augusta	7,560	4,360	810	1,230	740	420
Bath	1,380	670	120	440	110	40
Bedford	5,740	3,600	660	810	490	180
Bland	1,140	680	90	170	110	90
Botetourt	3,570	2,030	340	650	350	200
Brunswick	3,140	1,750	240	760	300	90

CONTINUED →



TABLE 18.2
Number of OASDI Beneficiaries by Program for Virginia's
Counties and Cities: December, 1986, *CONTINUED*

	Total Persons	Retirement Program			Disability Program	
		Retired Workers	Wives, Husbands & Children	Survivor Program	Workers	Wives, Husbands & Children
Buchanan	6,430	1,330	520	1,380	1,400	1,800
Buckingham	1,800	1,040	140	320	200	100
Campbell	5,890	3,230	560	1,250	610	240
Caroline	2,860	1,460	240	770	260	130
Carroll	4,930	2,330	630	1,110	590	270
Charles City	810	340	70	160	160	80
Charlotte	2,890	1,600	270	690	200	130
Chesterfield	9,980	5,610	950	2,180	810	430
Clarke	1,370	940	40	310	80	...
Craig	750	440	80	140	40	50
Culpeper	4,750	2,870	600	740	320	220
Cumberland	1,090	580	190	150	80	90
Dickenson	3,450	980	370	940	660	500
Dinwiddie	3,030	1,550	260	790	290	140
Essex	2,090	1,250	200	440	90	110
Fairfax	27,000	16,730	2,700	5,850	1,190	530
Fauquier	4,510	2,760	390	1,050	260	50
Floyd	2,110	1,210	250	550	70	30
Fluvanna	1,950	1,160	260	420	80	30
Franklin	5,920	3,150	590	1,360	530	290
Frederick	4,090	2,560	240	880	280	130
Giles	4,060	2,070	510	960	340	180
Gloucester	3,650	2,260	460	610	270	50
Goochland	1,450	830	180	290	110	40
Grayson	3,180	1,920	300	560	280	120
Greene	1,010	580	110	240	80	...
Greensville	1,000	500	50	240	140	70
Halifax	5,370	3,130	520	1,140	450	130
Hanover	7,840	5,040	590	1,430	550	230
Henrico	17,440	11,110	1,510	2,880	1,310	630
Henry	9,280	5,170	660	2,010	980	460
Highland	610	380	100	110	20	...
Isle of Wight	3,110	1,790	330	530	360	100
James City	1,540	910	150	210	150	120
King and Queen	1,160	650	200	270	40	...
King George	1,350	850	100	230	110	60
King William	1,890	1,110	220	380	150	30
Lancaster	3,340	2,150	360	500	230	100
Lee	5,660	2,260	700	1,390	720	590
Loudoun	5,900	3,680	620	1,260	280	60
Louisa	3,500	2,120	340	710	230	100
Lunenburg	2,040	1,280	200	340	150	70
Madison	1,790	1,020	170	380	150	70
Mathews	2,080	1,360	250	430	40	...
Mecklenburg	6,700	3,850	640	1,400	570	240
Middlesex	2,260	1,600	270	320	70	...
Montgomery	7,520	4,330	890	1,380	660	260
Nelson	2,700	1,530	310	520	250	90
New Kent	1,260	680	140	260	130	50
Northampton	3,300	2,150	230	650	200	70
Northumberland	2,700	1,740	260	450	180	70
Nottoway	3,440	2,190	300	550	310	90
Orange	4,100	2,700	330	760	250	60
Page	3,900	2,030	370	800	420	280

CONTINUED

TABLE 18.2

Number of OASDI Beneficiaries by Program for Virginia's
Counties and Cities: December, 1986, *CONTINUED*

	Total Persons	Retirement Program			Disability Program	
		Retired Workers	Wives, Husbands & Children	Survivor Program	Workers	Wives, Husbands & Children
Patrick	3,270	1,750	350	710	350	110
Pittsylvania	9,310	5,380	910	1,830	860	330
Powhatan	1,670	1,050	110	330	80	100
Prince Edward	3,560	2,280	360	520	280	120
Prince George	1,220	650	100	240	160	70
Prince William	5,370	2,840	390	1,580	390	170
Pulaski	5,960	3,160	520	1,300	780	200
Rappahannock	1,000	630	100	160	110	---
Richmond	1,650	910	100	430	150	60
Roanoke	4,790	3,040	410	870	320	150
Rockbridge	2,460	1,320	280	610	180	70
Rockingham	8,520	5,250	880	1,400	720	270
Russell	6,200	2,120	660	1,650	1,060	710
Scott	5,190	2,270	650	1,230	660	380
Shenandoah	6,250	3,940	580	1,230	410	90
Smyth	6,650	3,470	660	1,480	750	290
Southampton	2,810	1,520	320	670	250	50
Spotsylvania	3,530	1,830	330	900	270	200
Stafford	3,560	1,890	260	910	280	220
Surry	940	560	160	110	100	10
Sussex	2,290	1,180	200	650	180	80
Tazewell	10,740	4,040	1,210	2,800	1,500	1,190
Warren	3,960	2,250	250	980	310	170
Washington	7,220	3,820	740	1,580	660	420
Westmoreland	3,380	2,130	180	740	270	60
Wise	9,820	3,460	1,260	2,680	1,340	1,080
Wythe	5,150	2,630	450	1,080	560	430
York	2,770	1,660	230	550	220	110
Cities						
Alexandria	21,400	13,870	2,190	3,570	1,360	410
Bedford	1,630	1,140	80	280	110	20
Bristol	5,210	2,860	430	1,120	540	260
Buena Vista	1,550	860	150	330	190	20
Charlottesville	7,550	4,960	540	1,330	540	180
Chesapeake	13,510	7,830	1,260	2,950	1,030	440
Clifton Forge	1,240	770	170	160	110	30
Colonial Heights	2,960	1,890	210	540	260	60
Covington	3,440	1,880	380	790	280	110
Danville	13,250	8,840	710	2,070	1,190	440
Emporia	1,760	1,120	130	400	70	40
Fairfax	4,990	3,330	450	960	180	70
Falls Church	7,980	5,450	840	1,240	350	100
Franklin	2,370	1,270	180	550	250	120
Fredericksburg	4,980	3,330	410	830	320	90
Galax	2,910	1,570	210	690	360	80
Hampton	14,800	8,560	1,310	3,380	1,140	410
Harrisonburg	4,270	2,770	370	830	220	80
Hopewell	4,330	2,460	450	970	340	110
Lexington	1,980	1,160	230	430	130	30
Lynchburg	14,790	9,320	1,010	2,830	1,080	550
Manassas	3,740	2,040	290	820	380	210
Manassas Park	NE	NE	NE	NE	NE	NE

CONTINUED ➡



TABLE 18.2
Number of OASDI Beneficiaries by Program for Virginia's
Counties and Cities: December, 1986, *CONTINUED*

	Total Persons	Retirement Program			Disability Program	
		Retired Workers	Wives, Husbands & Children	Survivor Program	Workers	Wives, Husbands & Children
Martinsville	4,850	2,940	330	980	480	120
Newport News	19,020	11,360	1,750	4,290	1,240	380
Norfolk	33,010	20,390	2,880	6,630	2,320	790
Norton	1,120	430	60	290	240	100
Petersburg	8,570	5,200	670	1,610	850	240
Poquoson	820	430	70	250	60	10
Portsmouth	16,550	9,910	1,360	3,270	1,480	530
Radford	2,620	1,650	170	450	280	70
Richmond	53,430	34,950	2,900	10,160	4,020	1,400
Roanoke	24,330	15,180	1,910	4,400	2,160	680
Salem	5,470	3,300	500	1,070	390	210
South Boston	2,260	1,310	160	420	230	140
Staunton	5,610	3,480	420	1,100	440	170
Suffolk	8,000	4,870	670	1,420	700	340
Virginia Beach	24,670	14,370	2,330	5,920	1,630	420
Waynesboro	4,170	2,700	380	800	270	20
Williamsburg	3,650	2,320	370	770	180	10
Winchester	4,690	3,110	280	970	300	30
MSAs						
Bristol (Va. portion)	17,620	8,950	1,820	3,930	1,860	1,060
Charlottesville	15,620	9,900	1,340	2,970	1,130	280
Danville	22,560	14,220	1,620	3,900	2,050	770
Lynchburg	25,140	14,990	2,110	5,030	2,030	980
Norfolk	141,990	84,870	12,840	30,250	10,420	3,610
Northern Virginia	97,860	62,070	9,390	19,360	5,100	1,940
Richmond	113,990	71,360	8,140	21,840	9,070	3,580
Roanoke	38,160	23,550	3,160	6,990	3,220	1,240
Planning Districts						
LENOWISCO	21,790	8,420	2,670	5,590	2,960	2,150
Cumberland Plateau	26,820	8,470	2,760	6,770	4,620	4,200
Mount Rogers	36,390	19,280	3,510	7,790	3,850	1,960
New River Valley	22,270	12,420	2,340	4,640	2,130	740
Fifth	44,050	26,640	3,790	8,080	3,650	1,430
Central Shenandoah	38,110	22,950	3,740	7,280	3,020	1,120
Lord Fairfax	24,260	14,830	1,760	5,170	1,800	700
Northern Virginia	94,300	60,180	9,130	18,450	4,820	1,720
Rappahannock						
-Rapidan	16,150	9,980	1,590	3,090	1,090	400
Thomas Jefferson	21,820	13,550	1,990	4,200	1,610	470
Central Virginia	34,500	20,940	3,010	6,480	2,840	1,230
West Piedmont	45,880	27,230	3,550	8,960	4,390	1,750
Southside	17,470	10,040	1,560	3,720	1,550	600
Piedmont	16,390	9,850	1,660	2,920	1,320	640
Richmond Regional	93,880	59,610	6,450	17,690	7,170	2,960
RADCO	16,280	9,360	1,340	3,640	1,240	700
Northern Neck	11,070	6,930	900	2,120	830	290

CONTINUED →

TABLE 18.2
Number of OASDI Beneficiaries by Program for Virginia's
Counties and Cities: December, 1986, *CONTINUED*

	Total Persons	Retirement Program			Disability Program	
		Retired Workers	Wives, Husbands & Children	Survivor Program	Workers	Wives, Husbands & Children
Middle Peninsula	13,130	8,230	1,600	2,450	660	190
Crater	26,100	15,110	2,230	5,550	2,390	820
Southeastern						
Virginia	104,030	61,950	9,330	21,940	8,020	2,790
Peninsula	42,600	25,240	3,880	9,450	2,990	1,040
Accomack-						
Northampton	10,710	6,730	850	2,060	730	340

SOURCE: U.S. Department of Health and Human Services, Social Security Administration, *OASDI Beneficiaries by State and County December 1986*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: C—Distribution by program suppressed to protect confidentiality.

NE—No entry listed for locality.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 18.3
Monthly Payments to OASDI Beneficiaries by Program
for Virginia's Counties and Cities: December, 1986

	Total Persons	Retirement Program			Disability Program	
		Retired Workers	Wives, Husbands & Children	Survivor Program	Workers	Wives, Husbands & Children
Virginia	\$319,775	\$208,618	\$16,193	\$61,150	\$29,848	\$3,966
Counties						
Accomack	2,776	1,849	132	534	234	27
Albemarle	2,218	1,533	105	376	186	18
Alleghany	171	(C)	(C)	(C)	(C)	(C)
Amelia	574	354	38	117	54	11
Amherst	1,709	1,048	119	349	162	31
Appomattox	748	513	35	108	87	5
Arlington	7,840	5,745	401	1,332	338	24
Augusta	3,101	1,984	194	479	372	72
Bath	536	295	20	164	52	5
Bedford	2,315	1,599	141	317	233	25
Bland	433	282	22	60	59	10
Botetourt	1,460	936	80	245	172	27
Brunswick	1,108	699	48	230	125	6
Buchanan	2,261	627	97	554	761	222
Buckingham	660	412	25	107	99	17
Campbell	2,350	1,443	112	470	284	41
Caroline	1,131	645	59	292	126	9
Carroll	1,696	898	110	374	271	43

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**TABLE 18.3**
**Monthly Payments to OASDI Beneficiaries by Program for
Virginia's Counties and Cities: December, 1986, *CONTINUED***

	Total Persons	Retirement Program			Disability Program	
		Retired Workers	Wives, Husbands & Children	Survivor Program	Workers	Wives, Husbands & Children
Charles City	280	128	16	57	70	9
Charlotte	951	618	54	194	80	5
Chesterfield	4,444	2,764	255	921	439	65
Clarke	567	409	10	116	32	---
Craig	278	178	18	59	19	4
Culpeper	1,754	1,222	122	237	147	26
Cumberland	372	235	30	58	36	13
Dickenson	1,275	473	74	331	338	59
Dinwiddie	1,145	646	58	282	135	24
Essex	804	521	46	165	56	16
Fairfax	11,585	7,746	639	2,482	600	118
Fauquier	1,904	1,258	93	406	137	10
Floyd	747	486	50	182	23	6
Fluvanna	739	503	62	135	35	4
Franklin	2,281	1,383	120	484	251	43
Frederick	1,687	1,126	63	336	148	14
Giles	1,709	1,030	121	373	163	22
Gloucester	1,379	936	90	206	136	11
Goochland	595	377	40	119	54	5
Grayson	1,095	737	53	177	119	9
Greene	397	249	23	81	44	---
Greensville	374	217	9	76	60	12
Halifax	1,799	1,146	88	363	188	14
Hanover	3,480	2,466	145	588	256	25
Henrico	8,278	5,822	395	1,298	666	97
Henry	3,771	2,367	163	728	458	55
Highland	199	137	20	33	9	---
Isle of Wight	1,267	815	71	212	156	13
James City	614	401	40	88	66	19
King and Queen	435	282	42	94	17	---
King George	436	295	15	79	42	5
King William	848	541	59	167	72	9
Lancaster	1,390	989	89	201	95	16
Lee	1,863	860	118	494	317	74
Loudoun	2,544	1,757	163	489	122	13
Louisa	1,247	819	64	256	95	13
Lunenburg	756	513	49	114	68	12
Madison	653	423	37	111	68	14
Mathews	885	632	65	162	26	---
Mecklenburg	2,531	1,654	137	463	248	29
Middlesex	962	744	62	126	30	---
Montgomery	3,129	2,018	211	548	309	43
Nelson	986	615	70	181	110	10
New Kent	506	312	31	95	63	5
Northampton	1,217	844	49	234	76	14
Northumberland	1,071	739	63	179	81	9
Nottoway	1,277	869	57	216	125	10
Orange	1,660	1,139	73	322	113	13
Page	1,429	828	80	295	193	33
Patrick	1,177	698	62	235	162	20
Pittsylvania	3,453	2,240	172	603	394	44
Powhatan	688	463	25	135	45	20
Prince Edward	1,331	924	70	206	120	11
Prince George	497	293	18	92	85	9

CONTINUED ➡

TABLE 18.3

Monthly Payments to OASDI Beneficiaries by Program for
Virginia's Counties and Cities: December, 1986, *CONTINUED*

	Total Persons	Retirement Program			Disability Program	
		Retired Workers	Wives, Husbands & Children	Survivor Program	Workers	Wives, Husbands & Children
Prince William	2,189	1,207	75	656	213	38
Pulaski	2,423	1,445	116	482	351	29
Rappahannock	380	258	16	54	52	---
Richmond	646	371	20	163	80	12
Roanoke	1,995	1,350	97	361	164	23
Rockbridge	958	578	71	215	83	11
Rockingham	3,416	2,318	192	540	330	36
Russell	2,195	825	125	566	554	125
Scott	1,835	925	126	436	294	54
Shenandoah	2,599	1,797	143	464	183	12
Smyth	2,565	1,532	137	526	335	35
Southampton	1,028	634	76	214	96	8
Spotsylvania	1,451	823	87	362	151	28
Stafford	1,390	772	59	366	154	39
Surry	361	235	44	43	36	3
Sussex	855	480	44	251	72	8
Tazewell	4,100	1,874	249	1,033	792	152
Warren	1,672	1,039	63	401	144	25
Washington	2,641	1,586	155	537	307	56
Westmoreland	1,309	891	38	260	115	5
Wise	3,631	1,585	245	969	696	136
Wythe	1,966	1,183	101	404	236	42
York	1,179	741	52	246	120	20
Cities						
Alexandria	9,248	6,535	550	1,457	640	66
Bedford	707	545	15	97	46	4
Bristol	2,108	1,301	111	422	252	22
Buena Vista	657	391	40	129	95	2
Charlottesville	3,398	2,447	153	555	219	24
Chesapeake	5,212	3,296	272	1,085	494	65
Clifton Forge	498	336	29	74	52	7
Colonial Heights	1,325	892	46	237	136	14
Covington	1,536	947	104	341	132	12
Danville	5,566	4,001	171	785	556	53
Emporia	665	476	29	127	28	5
Fairfax	2,285	1,643	110	459	92	10
Falls Church	3,382	2,489	198	511	167	17
Franklin	977	578	38	232	112	17
Fredericksburg	2,177	1,549	101	359	148	20
Galax	1,140	694	49	236	148	13
Hampton	6,136	3,878	317	1,355	518	68
Harrisonburg	1,950	1,372	119	340	108	11
Hopewell	1,933	1,197	117	423	178	18
Lexington	866	578	62	157	63	6
Lynchburg	6,572	4,530	262	1,206	505	69
Manassas	1,634	1,016	72	336	181	29
Manassas Park	NE	NE	NE	NE	NE	NE
Martinsville	2,112	1,425	84	377	206	20
Newport News	8,356	5,494	459	1,747	579	77
Norfolk	13,371	9,086	656	2,499	1,037	93
Norton	462	201	16	118	113	14
Petersburg	3,507	2,360	153	611	359	24
Poquoson	358	195	14	119	29	1
Portsmouth	6,015	3,913	290	1,112	630	70

CONTINUED ➡



TABLE 18.3
Monthly Payments to OASDI Beneficiaries by Program for
Virginia's Counties and Cities: December, 1986, *CONTINUED*

	Total Persons	Retirement Program			Disability Program	
		Retired Workers	Wives, Husbands & Children	Survivor Program	Workers	Wives, Husbands & Children
Radford	1,172	799	40	171	147	15
Richmond	24,337	17,376	781	4,151	1,838	191
Roanoke	10,551	7,105	499	1,845	1,012	90
Salem	2,332	1,562	128	426	180	36
South Boston	871	562	38	156	94	21
Staunton	2,545	1,776	122	431	198	18
Suffolk	3,095	2,048	152	518	327	50
Virginia Beach	10,627	6,819	601	2,399	736	72
Waynesboro	1,921	1,349	114	321	134	3
Williamsburg	1,689	1,201	89	326	71	2
Winchester	2,041	1,458	74	388	118	3
MSAs						
Bristol (Va. portion)	6,584	3,812	392	1,395	853	132
Charlottesville	6,752	4,732	343	1,147	484	46
Danville	9,019	6,241	343	1,388	950	97
Lynchburg	10,631	7,021	493	2,025	951	141
Norfolk	58,031	38,008	3,032	11,700	4,743	548
Northern Virginia	42,097	28,910	2,267	8,059	2,507	354
Richmond	51,015	35,096	2,080	9,009	4,324	506
Roanoke	16,338	10,953	804	2,877	1,528	176
Planning Districts						
LENOWISCO	7,791	3,571	505	2,017	1,420	278
Cumberland Plateau	9,831	3,799	545	2,484	2,445	558
Mount Rogers	13,644	8,213	738	2,736	1,727	230
New River Valley	9,180	5,778	538	1,756	993	115
Fifth	18,650	12,414	955	3,351	1,731	199
Central Shenandoah	16,149	10,778	954	2,809	1,444	164
Lord Fairfax	9,995	6,657	433	2,000	818	87
Northern Virginia	40,707	28,138	2,208	7,693	2,353	315
Rappahannock-Rapidan	6,351	4,300	341	1,130	517	63
Thomas Jefferson	8,985	6,166	477	1,584	689	69
Central Virginia	14,401	9,678	684	2,547	1,317	175
West Piedmont	18,360	12,114	772	3,212	2,027	235
Southside	6,309	4,061	311	1,212	655	70
Piedmont	5,921	3,925	323	1,012	582	79
Richmond Regional	42,608	29,708	1,688	7,364	3,431	417
RADCO	6,585	4,084	321	1,458	621	101
Northern Neck	4,416	2,990	210	803	371	42
Middle Peninsula	5,313	3,656	364	920	337	36
Crater	10,662	6,796	518	2,142	1,089	117
Southeastern Virginia	41,592	27,189	2,156	8,271	3,588	388
Peninsula	18,332	11,910	971	3,881	1,383	187
Accomack-Norhampton	3,993	2,693	181	768	310	41

SOURCE: U.S. Department of Health and Human Services, Social Security Administration. *OASDI Beneficiaries by State and County December 1986*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In thousands of dollars.

NE—No entry listed for locality.

C—Distribution by program suppressed to protect confidentiality.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 18.4
Supplemental Security Income Program Recipients for
the U.S., Virginia, and Surrounding States: 1980-1987

	1987			1986	1985	1984	1980
	Total	Adults	Children				
United States	4,385	4,096	289	4,269	4,138	4,029	4,142
Virginia	88.9	83.8	5.1	87.3	85.3	83.1	80.6
Delaware	7.8	7.0	0.8	7.7	7.5	7.2	7.2
District of Columbia	16.7	15.7	1.0	16.4	16.0	15.5	15.1
Florida	196.0	183.7	12.3	189.2	183.7	178.1	173.6
Georgia	155.3	146.2	9.1	154.5	152.6	151.5	154.5
Kentucky	103.5	96.9	6.5	100.6	98.1	95.5	93.7
Maryland	55.1	51.6	3.5	53.2	51.4	49.6	48.3
North Carolina	141.5	133.8	7.7	140.3	138.5	136.8	140.6
South Carolina	88.0	82.4	5.5	87.5	85.9	84.3	83.4
Tennessee	131.9	124.0	7.9	129.3	128.0	127.6	130.6
West Virginia	44.1	41.1	3.1	43.5	42.7	41.2	41.0

SOURCE: U.S. Department of Health and Human Services, Social Security Administration. *Supplemental Security Income State and County Data: December 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In thousands. Includes persons with Federal SSI payments and/or federally administered state supplementation. Data for Virginia, Kentucky, North Carolina, and South Carolina include Federal SSI payments only. These states have state-administered supplementation. Data for West Virginia include Federal SSI payments only.

TABLE 18.5
Supplemental Security Income Federally Administered Monthly Payments
for the U.S., Virginia, and Surrounding States: 1980-1987

	Payments for Year						Average Monthly Payment, 1985	
	1987	1986	1985	1984	1983	1980	Aged	Disabled
United States	\$12,592	\$11,740	\$10,748	\$10,072	\$9,132	\$7,690	\$175	\$271
Virginia	205	197	183.9	175.0	156.8	119.5	129	224
Delaware	19	18	16.7	15.9	14.3	11.0	123	230
District of Columbia	49	47	43.8	42.7	38.5	31.0	146	275
Florida	507	482	448.7	424.0	383.0	291.0	183	237
Georgia	350	342	323.9	313.8	286.1	232.9	128	222
Kentucky	259	245	229.9	217.0	195.1	151.0	134	241
Maryland	148	138	126.8	118.7	105.3	82.0	140	254
North Carolina	322	314	299.7	287.3	261.3	209.8	130	224
South Carolina	197	192	181.5	173.8	156.9	123.6	125	220
Tennessee	308	295	279.7	271.5	247.0	198.7	126	231
West Virginia	118	113	107.0	100.4	90.7	72.3	134	248

SOURCE: U.S. Department of Health and Human Services, Social Security Administration. *Supplemental Security Income State and County Data: December 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: Data for SSI cover Federal SSI payments and/or Federally-administered State supplementation, except as noted. Payments for year in millions of dollars. Average monthly payments in dollars. Data for Virginia, Kentucky, North Carolina, South Carolina, and West Virginia include Federal SSI payments only.

**TABLE 18.6****State-Administered Supplemental Security Income (SSI) Recipients and Payments for the U.S., Virginia, and Surrounding States: 1980-1987**

	Recipients				Payments for Year			
	1987	1986	1984	1980	1987	1986	1984	1980
United States	4,384	279.3	268.0	249.5	\$12,590	\$320	\$299	\$226
Virginia	88.9	5.1	4.5	3.1	205	18	10	6
Delaware	7.8	...	...	...	19	...	...	...
District of Columbia	16.7	...	...	...	49	...	...	...
Florida	196.0	10.2	9.1	3.2	507	43	7	2
Georgia	155.3	...	...	...	350	...	...	...
Kentucky	103.5	7.1	7.5	8.4	259	22	10	12
Maryland	55.1	1.2	...	...	148	13	...	...
North Carolina	141.5	13.4	11.9	10.7	322	31	33	23
South Carolina	88.0	2.9	2.4	1.6	197	17	3	2
Tennessee	131.9	...	...	...	308	...	...	...
West Virginia	44.1	...	...	...	118	...	...	...

SOURCES: U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States, 1989*, U.S. Government Printing Office, Washington, D.C., annual; U.S. Department of Health and Human Services, Social Security Administration, *Social Security Bulletin*, Volume 50, Number 6, June 1987. U.S. Government Printing Office, Washington, D.C., monthly.

NOTES: Recipients comprise those receiving Federal SSI payments and State-administered supplementation plus those who receive only State supplementary payments.
 Recipients in thousands.
 Payments for Year in millions of dollars.

TABLE 18.7**Number of Persons Receiving Federally Administered Supplemental Security Income Payments for Virginia's Counties and Cities: December, 1987**

	Total Persons	Adults			Children	
		Aged	Blind	Disabled	Blind	Disabled
Virginia	88,949	30,333	1,344	52,168	150	4,954
Counties						
Accomack	1,190	566	22	542	4	56
Albemarle	626	230	6	330	2	58
Alleghany	266	74	4	178	...	10
Amelia	260	122	...	130	...	8
Amherst	1,010	182	18	714	...	96
Appomattox	322	124	8	172	...	18
Arlington	1,076	484	14	532	...	46
Augusta	684	220	2	416	...	46
Bath	104	48	...	50	...	6
Bedford	498	188	6	266	2	36
Bland	150	64	2	80	...	4
Botetourt	288	110	2	158	...	18
Brunswick	626	264	6	328	...	28
Buchanan	860	132	20	644	...	64
Buckingham	422	194	6	202	...	20

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TABLE 18.7

Number of Persons Receiving Federally Administered
Supplemental Security Income Payments for Virginia's
Counties and Cities: December, 1987, *CONTINUED*

	Total Persons	Adults			Children	
		Aged	Blind	Disabled	Blind	Disabled
Campbell	692	288	4	360	...	40
Caroline	344	124	2	196	2	20
Carroll	842	346	4	458	...	34
Charles City	150	52	6	82	...	10
Charlotte	522	264	4	228	...	26
Chesterfield	628	172	12	384	4	56
Clarke	136	48	2	70	...	16
Craig	70	34	...	32	...	4
Culpeper	564	212	4	326	...	22
Cumberland	258	110	4	138	...	6
Dickenson	574	118	12	412	2	30
Dinwiddie	898	232	16	600	...	50
Essex	234	106	4	114	...	10
Fairfax	2,366	1,050	30	1,080	10	196
Fauquier	424	168	8	228	...	20
Floyd	238	130	2	100	...	6
Fluvanna	242	104	4	118	...	16
Franklin	732	274	12	426	2	18
Frederick	350	118	4	188	...	40
Giles	428	142	4	262	...	20
Gloucester	290	120	6	154	...	10
Goochland	192	90	4	90	...	8
Grayson	580	246	4	308	...	22
Greene	170	56	4	100	...	10
Greensville	236	100	2	120	2	12
Halifax	1,448	690	12	700	4	42
Hanover	412	152	6	232	...	22
Henrico	1,034	298	22	652	2	60
Henry	760	256	8	434	...	62
Highland	62	32	...	26	...	4
Isle of Wight	480	196	6	266	...	22
James City	234	106	2	114	...	12
King and Queen	112	42	4	62	...	4
King George	134	60	2	62	...	10
King William	146	70	6	62	...	8
Lancaster	210	98	2	98	...	12
Lee	1,336	386	8	868	2	72
Loudoun	368	134	10	196	2	26
Louisa	556	212	14	296	2	32
Lunenburg	304	154	6	132	...	12
Madison	274	112	8	146	...	8
Mathews	114	56	...	54	...	4
Mecklenburg	1,252	616	10	568	4	54
Middlesex	150	82	...	64	...	4
Montgomery	692	238	4	408	2	40
Nelson	436	206	8	210	...	12
New Kent	118	38	2	74	...	4
Northampton	640	302	4	316	...	18
Northumberland	188	86	2	98	...	2
Nottoway	462	216	2	230	...	14
Orange	446	150	4	262	2	28
Page	464	160	8	284	...	12
Patrick	484	222	8	234	2	18
Pittsylvania	1,850	802	34	946	2	66
Powhatan	122	60	...	62	...	...

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TABLE 18.7
Number of Persons Receiving Federally Administered
Supplemental Security Income Payments for Virginia's
Counties and Cities: December, 1987, *CONTINUED*

	Total Persons	Adults			Children	
		Aged	Blind	Disabled	Blind	Disabled
Prince Edward	506	210	6	262	...	28
Prince George	174	72	4	90	...	8
Prince William	644	172	14	388	2	68
Pulaski	806	286	4	468	2	46
Rappahannock	136	62	...	68	...	6
Richmond	194	84	2	106	...	2
Roanoke	456	170	4	254	...	28
Rockbridge	334	108	4	204	2	16
Rockingham	776	306	12	410	...	48
Russell	1,048	286	12	704	...	46
Scott	1,202	442	14	704	2	40
Shenandoah	452	204	2	220	...	26
Smyth	1,110	424	6	638	...	42
Southampton	596	296	12	276	...	12
Spotsylvania	266	80	4	168	...	14
Stafford	250	68	4	156	2	20
Surry	132	60	...	68	...	4
Sussex	450	198	6	230	...	16
Tazewell	1,128	272	22	764	2	68
Warren	326	116	4	188	...	18
Washington	1,436	570	16	792	...	58
Westmoreland	282	118	2	146	2	14
Wise	1,326	282	12	962	2	68
Wythe	800	274	4	478	...	44
York	164	56	6	88	2	12
Cities						
Alexandria	1,120	404	16	644	...	56
Bedford	86	22	...	58	...	6
Bristol	698	236	4	402	2	34
Buena Vista	172	56	2	108	...	6
Charlottesville	762	174	38	518	...	32
Chesapeake	1,514	386	26	964	6	132
Clifton Forge	126	54	2	62	...	8
Colonial Heights	114	36	...	74	...	4
Covington	190	66	2	106	...	16
Danville	1,594	580	18	938	2	56
Emporia	374	144	2	216	...	12
Fairfax	318	104	4	170	2	38
Falls Church	580	254	10	286	...	30
Franklin	464	182	6	270	...	6
Fredericksburg	348	116	6	210	...	16
Galax	270	94	2	164	...	10
Hampton	1,094	294	30	684	4	82
Harrisonburg	290	86	2	174	...	28
Hopewell	378	116	6	230	...	26
Lexington	182	66	2	106	...	8
Lynchburg	1,454	480	20	884	2	68
Manassas	NE	NE	NE	NE	NE	NE
Manassas Park	224	58	4	140	...	22
Martinsville	410	120	8	262	...	20
Newport News	2,138	556	56	1,352	4	170
Norfolk	4,784	1,304	98	3,010	8	364
Norton	170	28	4	128	2	8
Petersburg	1,446	378	22	938	2	86

CONTINUED →

TABLE 18.7

Number of Persons Receiving Federally Administered Supplemental Security Income Payments for Virginia's Counties and Cities: December, 1987, *CONTINUED*

	Total Persons	Adults			Children	
		Aged	Blind	Disabled	Blind	Disabled
Poquoson	20	10	...	6	...	4
Portsmouth	2,560	672	32	1,652	6	198
Radford	164	52	2	104	...	6
Richmond	6,184	1,626	144	4,114	8	292
Roanoke	2,488	610	28	1,684	4	162
Salem	316	114	4	178	2	18
South Boston	442	174	8	244	...	16
Staunton	542	152	10	346	2	32
Suffolk	1,638	522	32	1,014	4	66
Virginia Beach	1,674	584	32	928	4	126
Waynesboro	250	74	4	154	2	16
Williamsburg	80	32	...	46	...	2
Winchester	436	118	8	282	2	26
MSAs						
Bristol (Va. portion)	3,336	1,268	34	1,898	4	132
Charlottesville	1,800	564	52	1,066	2	116
Danville	3,444	1,382	52	1,884	4	122
Lynchburg	3,156	950	42	1,958	2	204
Norfolk	16,190	4,642	320	10,012	38	1,178
Northern Virginia	6,946	2,728	106	3,592	18	502
Richmond	11,850	3,322	244	7,642	16	626
Roanoke	3,548	1,004	38	2,274	6	226
Planning Districts						
LENOWISCO	4,034	1,138	38	2,662	8	188
Cumberland Plateau	3,610	808	66	2,524	4	208
Mount Rogers	5,886	2,274	42	3,320	2	248
New River Valley	2,328	848	16	1,342	4	118
Fifth	4,200	1,232	46	2,652	6	264
Central Shenandoah	3,396	1,148	38	1,994	6	210
Lord Fairfax	2,164	764	28	1,232	2	138
Northern Virginia	6,696	2,660	102	3,436	16	482
Rappahannock-Rapidan	1,844	704	24	1,030	2	84
Thomas Jefferson	2,792	982	74	1,572	4	160
Central Virginia	4,062	1,284	56	2,454	4	264
West Piedmont	5,830	2,254	88	3,240	8	240
Southside	3,768	1,744	36	1,840	8	140
Piedmont	2,734	1,270	28	1,322	0	114
Richmond Regional	8,840	2,488	196	5,690	14	452
RADCO	1,342	448	18	792	4	80
Northern Neck	874	386	8	448	2	30
Middle Peninsula	1,046	476	20	510	0	40
Crater	4,202	1,336	58	2,586	4	218
Southeastern Virginia	13,710	4,132	244	8,380	28	926
Peninsula	3,730	1,054	94	2,290	10	282
Accomack-Northampton	1,830	868	26	858	4	74

SOURCE: U.S. Department of Health and Human Services, Social Security Administration. *Supplemental Security Income State and County Data: December 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: NE—No entry listed for locality.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.


TABLE 18.8
**Monthly Payments to Supplemental Security Income Program
Participants in Virginia's Counties and Cities: December, 1987**

	Total	Aged		Blind & Disabled		
		Individuals	Couples	Individuals	Couples	Children
Virginia	\$17,655	\$3,481	\$461	\$11,632	\$600	\$1,481
Counties						
Accomack	200	58	4	118	3	17
Albemarle	118	26	2	70	2	18
Alleghany	55	10	...	41	1	3
Amelia	47	12	3	28	2	2
Amherst	104	18	2	72	1	11
Appomattox	63	13	4	37	3	6
Arlington	258	92	16	131	4	15
Augusta	125	18	3	88	3	13
Bath	18	5	1	10	...	2
Bedford	100	11	20	3	64	2
Bland	21	6	1	13	...	1
Botetourt	50	11	2	31	1	5
Brunswick	114	30	3	70	3	8
Buchanan	221	16	3	167	11	24
Buckingham	76	21	2	44	2	7
Campbell	121	26	4	78	2	11
Caroline	64	15	...	41	1	7
Carroll	139	31	7	89	6	6
Charles City	28	5	1	18	1	3
Charlotte	90	25	6	48	2	9
Chesterfield	138	26	2	88	4	18
Clarke	27	5	...	17	...	5
Craig	10	3	...	6	...	1
Culpeper	106	21	2	72	4	7
Cumberland	48	13	1	32	...	2
Dickenson	143	14	3	97	19	10
Dinwiddie	100	23	3	69	1	4
Essex	44	12	1	28	...	3
Fairfax	554	184	52	258	4	56
Fauquier	71	18	1	46	1	5
Floyd	39	14	3	18	1	3
Fluvanna	47	13	...	29	1	4
Franklin	146	37	4	95	4	6
Frederick	63	11	1	39	1	11
Giles	83	15	2	58	2	6
Gloucester	54	13	1	34	2	4
Goochland	32	9	1	20	...	2
Grayson	105	26	4	63	6	6
Greene	32	6	...	22	1	3
Greensville	41	10	1	25	1	4
Halifax	262	63	24	147	14	14
Hanover	71	18	1	43	3	6
Henrico	220	38	3	160	2	17
Henry	131	25	4	83	3	16
Highland	8	3	...	4	...	1
Isle of Wight	91	5	20	1	63	2
James City	41	9	...	28	1	3
King and Queen	22	5	...	16	...	1
King George	27	7	...	15	...	5
King William	26	8	...	15	...	3
Lancaster	32	10	1	17	1	3
Lee	308	43	10	209	23	23
Loudoun	69	15	1	43	2	8

CONTINUED ►

TABLE 18.8

Monthly Payments to Supplemental Security Income Program Participants
in Virginia's Counties and Cities: December, 1987, *CONTINUED*

	Total	Aged		Blind & Disabled		
		Individuals	Couples	Individuals	Couples	Children
Louisa	108	22	2	7	3	10
Lunenburg	49	16	2	27	1	3
Madison	52	14	3	31	2	2
Mathews	19	5	...	13	...	1
Mecklenburg	230	58	14	133	7	18
Middlesex	22	9	...	11	1	1
Montgomery	136	27	2	92	2	13
Nelson	79	22	3	48	2	4
New Kent	25	5	...	18	1	1
Northampton	107	31	3	65	3	5
Northumberland	28	8	...	18	1	1
Nottoway	75	23	2	42	3	5
Orange	82	17	...	56	1	8
Page	82	16	2	58	3	3
Patrick	79	19	6	44	4	6
Pittsylvania	354	82	22	215	12	23
Powhatan	21	6	1	13	1	...
Prince Edward	94	20	3	61	1	9
Prince George	30	8	...	20	...	2
Prince William	150	27	4	95	3	21
Pulaski	150	29	2	99	7	13
Rappahannock	22	7	1	13	...	1
Richmond	32	10	...	21	...	1
Roanoke	76	15	1	49	2	9
Rockbridge	66	12	2	44	2	6
Rockingham	131	30	3	82	3	13
Russell	232	32	9	161	17	13
Scott	251	51	14	156	16	14
Shenandoah	82	23	1	49	1	8
Smyth	226	44	6	129	33	14
Southampton	98	30	5	55	3	5
Spotsylvania	50	8	1	37	...	4
Stafford	53	9	1	36	1	6
Surry	21	5	...	15	...	1
Sussex	82	24	2	49	2	5
Tazewell	235	32	3	157	23	20
Warren	64	13	...	45	1	5
Washington	277	60	10	173	15	19
Westmoreland	47	12	1	30	...	4
Wise	306	28	4	226	16	32
Wythe	162	32	2	110	4	14
York	29	7	1	18	...	3
Cities						
Alexandria	261	71	12	157	4	17
Bedford	17	3	...	11	1	2
Bristol	124	25	2	81	5	11
Buena Vista	32	5	1	23	1	2
Charlottesville	165	19	1	130	3	12
Chesapeake	297	44	1	213	7	32
Clifton Forge	20	5	1	11	...	3
Colonial Heights	20	4	...	15	...	1
Covington	34	8	...	21	...	5
Danville	288	58	2	203	4	21
Emporia	64	17	...	41	2	4
Fairfax	61	17	5	33	...	6
Falls Church	158	45	14	87	3	9

CONTINUED ➡

**TABLE 18.8**

Monthly Payments to Supplemental Security Income Program Participants in Virginia's Counties and Cities: December, 1987, *CONTINUED*

	Total	Aged		Blind & Disabled		
		Individuals	Couples	Individuals	Couples	Children
Franklin	84	18	2	59	3	2
Fredericksburg	66	12	1	47	1	5
Galax	44	7	...	33	...	4
Hampton	226	37	1	163	2	23
Harrisonburg	55	10	...	35	1	9
Hopewell	81	14	1	58	1	7
Lexington	33	8	...	22	1	2
Lynchburg	281	52	2	197	7	23
Manassas	NE	NE	NE	NE	NE	NE
Manassas Park	48	8	2	31	1	6
Martinsville	78	13	...	58	1	6
Newport News	480	68	...	345	14	53
Norfolk	1,078	176	9	785	8	100
Norton	32	3	...	22	4	3
Petersburg	308	45	2	230	6	25
Poquoson	3	1	...	1	...	1
Portsmouth	544	79	2	400	5	58
Radford	32	5	...	25	...	2
Richmond	1,359	211	6	1,030	14	98
Roanoke	522	68	5	388	10	51
Salem	55	12	1	36	...	6
South Boston	74	19	2	45	4	4
Staunton	97	14	...	70	3	10
Suffolk	321	59	4	231	5	22
Virginia Beach	354	80	14	220	4	36
Waynesboro	42	7	...	30	1	4
Williamsburg	13	3	...	9	...	1
Winchester	87	12	...	57	1	17
MSAs						
Bristol (Va. portion)	652	136	26	410	36	44
Charlottesville	362	64	3	251	7	37
Danville	642	140	24	418	16	44
Lynchburg	506	96	8	347	10	45
Norfolk	3,440	576	33	2,447	48	336
Northern Virginia	1,612	468	107	871	22	144
Richmond	2,433	412	21	1,782	34	184
Roanoke	703	106	9	504	13	71
Planning Districts						
LENOWISCO	897	125	28	613	59	72
Cumberland Plateau	831	94	18	582	70	67
Mount Rogers	1,098	231	32	691	69	75
New River Valley	440	90	9	292	12	37
Fifth	822	132	10	583	14	83
Central Shenandoah	607	112	10	408	15	62
Lord Fairfax	405	80	4	265	7	49
Northern Virginia	1,559	459	106	835	21	138
Rappahannock-Rapidan	333	77	7	218	8	23
Thomas Jefferson	549	108	8	370	12	51
Central Virginia	686	123	32	398	78	55
West Piedmont	1,076	234	38	698	28	78
Southside	680	170	43	395	28	44
Piedmont	479	130	19	282	11	37
Richmond Regional	1,894	318	15	1,390	26	145
RADCO	260	51	3	176	3	27
Northern Neck	139	40	2	86	2	9

CONTINUED →

TABLE 18.8**Monthly Payments to Supplemental Security Income Program Participants in Virginia's Counties and Cities: December, 1987, *CONTINUED***

	Total	Aged		Blind & Disabled		
		Individuals	Couples	Individuals	Couples	Children
Middle Peninsula	187	52	2	117	3	13
Crater	747	150	9	522	13	53
Southeastern Virginia	2,867	491	57	1,964	98	257
Peninsula	792	125	2	564	17	84
Accomack-Norhampton	307	89	7	183	6	22

SOURCE: U.S. Department of Health and Human Services, Social Security Administration. *Supplemental Security Income State and County Data: December 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In thousands of dollars. Figures represent payments made under the Federal Supplemental Security Program and Federally administered state supplementation.
 NE—No entry listed for locality.
 A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
 A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 18.9**Medicare Hospital Insurance Enrollees for the U.S., Virginia, and Surrounding States: 1966–1985**

	1985		1983		1980		1975		1966
	Aged	Disabled	Aged	Disabled	Aged	Disabled	Aged	Disabled	
United States	27,144	2,801	26,156	2,812	24,617	2,863	22,062	2,110	18,798
Virginia	553	70	523	71	481	68	415	50	334
Delaware	68	8	64	8	59	7	51	5	42
District of Columbia	67	7	66	7	66	8	66	7	67
Florida	1,820	144	1,704	147	1,549	147	1,230	92	757
Georgia	551	86	523	87	484	88	418	61	336
Kentucky	418	64	409	64	392	62	363	47	324
Maryland	428	42	406	42	373	41	328	29	265
North Carolina	670	91	631	92	577	91	486	65	375
South Carolina	321	51	299	52	271	51	227	37	176
Tennessee	542	75	522	76	491	76	434	55	357
West Virginia	244	41	239	42	229	43	212	36	191

SOURCE: U.S. Department of Health and Human Services, Social Security Administration. *Social Security Bulletin Annual Statistical Supplement, 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In thousands.
 Health insurance program for the aged (Medicare) went into effect July 1, 1966.

**TABLE 18.10**
Medicare Hospital and Medical Insurance Beneficiaries and Payments for the U.S., Virginia, and Surrounding States: 1980–1986

	Enrollment				Payments			
	1986	1985	1984	1980	1986	1985	1984	1980
United States	31,107	30,437	29,366	27,480	\$75,734	\$70,261	\$62,683	\$35,561
Virginia	648	634	606	549	1,384	1,260	1,125	614
Delaware	78	77	74	66	167	160	143	87
District of Columbia	80	79	73	74	283	285	254	149
Florida	2,044	2,000	1,901	1,696	5,532	4,828	4,297	2,278
Georgia	667	653	622	573	1,360	1,263	1,125	601
Kentucky	504	493	477	453	930	875	785	437
Maryland	491	480	457	415	1,321	1,252	1,117	622
North Carolina	791	774	739	668	1,393	1,303	1,162	642
South Carolina	388	380	360	322	689	624	558	302
Tennessee	642	629	605	567	1,312	1,231	1,100	594
West Virginia	296	290	282	272	647	550	492	260

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1988*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Enrollment" in thousands. Includes hospital and/or medical insurance enrollment as of July 1.
"Payments" in millions of dollars.

TABLE 18.11
Medicare Hospital Insurance, Average Covered Charge Per Covered Day of Care for the U.S., Virginia, and Surrounding States: 1980–1985

	Short-Stay Hospitals				Skilled-Nursing Facilities			
	1985	1984	1982	1980	1985	1984	1982	1980
United States	\$618	\$543	\$414	\$293	\$120	\$106	\$91	\$70
Virginia	540	483	354	247	102	98	86	68
Delaware	586	497	388	274	75	68	57	50
District of Columbia	734	677	513	373	107	106	82	64
Florida	732	638	464	321	104	93	76	59
Georgia	558	480	372	258	113	103	86	71
Kentucky	510	441	315	216	108	90	72	58
Maryland	515	450	362	274	95	83	71	56
North Carolina	474	422	307	214	89	80	65	52
South Carolina	523	458	342	229	71	64	56	46
Tennessee	558	477	359	250	100	91	73	70
West Virginia	559	471	355	247	88	78	68	64

SOURCE: U.S. Department of Health and Human Services, Social Security Administration. *Social Security Bulletin Annual Statistical Supplement, 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: Based on bills approved in each year. Includes services rendered to both aged and disabled persons.
Data for 1985 are preliminary.

TABLE 18.12
Medicare Enrollment and Reimbursement for Persons
Aged 65 and Over in Virginia's Counties and Cities: 1982

	Hospital &/or Medical Insurance		Hospital Insurance		Supplementary Medical Insurance	
	Number Enrolled	Amount Reimbursed	Number Enrolled	Amount Reimbursed	Number Enrolled	Amount Reimbursed
Virginia	516,875	\$687,748,547	507,397	\$491,805,821	499,464	\$195,964,726
Counties						
Accomack	5,350	5,338,701	5,286	3,875,357	5,237	1,463,344
Albemarle	3,425	4,622,531	3,374	3,256,429	3,338	1,366,102
Alleghany	331	482,659	324	350,692	323	131,967
Amelia	1,070	1,466,587	1,045	1,161,668	1,034	304,919
Amherst	2,971	2,587,693	2,849	1,900,251	2,907	687,442
Appomattox	1,494	1,229,263	1,471	875,666	1,466	353,597
Arlington	16,656	27,164,728	15,650	17,337,738	15,566	9,826,990
Augusta	4,290	4,615,537	4,230	3,438,169	4,209	1,179,368
Bath	870	1,410,970	862	1,120,212	855	290,758
Bedford	4,075	3,845,229	4,036	2,820,942	3,992	1,024,287
Bland	772	1,117,467	765	846,531	761	270,936
Botetourt	2,248	2,667,205	2,226	2,000,740	2,196	666,465
Brunswick	2,030	2,347,308	1,985	1,693,042	1,987	654,266
Buchanan	2,218	3,661,212	2,144	2,773,797	2,186	887,415
Buckingham	1,405	1,715,063	1,375	1,189,751	1,354	525,312
Campbell	3,873	3,342,007	3,830	2,462,462	3,807	879,545
Caroline	1,709	2,254,162	1,685	1,657,352	1,649	596,810
Carroll	2,943	2,698,033	2,884	2,010,464	2,894	687,569
Charles City	459	660,685	456	494,894	446	165,791
Charlotte	1,899	1,685,916	1,869	1,256,198	1,854	429,718
Chesterfield	4,652	7,002,193	4,619	5,108,779	4,506	1,893,414
Clarke	1,250	1,363,958	1,243	998,184	1,212	365,774
Craig	490	479,601	486	360,423	474	119,178
Culpeper	2,990	4,114,772	2,962	2,896,169	2,913	1,218,603
Cumberland	816	1,070,522	797	790,747	785	279,775
Dickenson	1,770	2,307,807	1,709	1,831,760	1,755	476,047
Dinwiddie	1,898	2,109,727	1,802	1,523,877	1,862	585,850
Essex	1,379	2,011,100	1,358	1,468,571	1,345	542,529
Fairfax	15,702	23,781,536	15,147	15,575,252	14,797	8,206,284
Fauquier	3,333	4,886,742	3,278	3,551,369	3,240	1,335,373
Floyd	1,705	1,766,685	1,682	1,302,239	1,681	464,446
Fluvanna	1,217	1,489,124	1,191	1,056,713	1,197	432,411
Franklin	3,664	4,050,931	3,627	3,076,182	3,587	974,749
Frederick	2,451	2,409,040	2,432	1,810,435	2,372	598,605
Giles	2,342	2,870,582	2,310	2,035,269	2,308	835,313
Gloucester	2,436	2,873,949	2,388	2,065,105	2,332	808,844
Goochland	1,076	1,447,312	1,070	1,049,876	1,046	397,436
Grayson	2,201	1,795,507	2,164	1,339,908	2,175	455,599
Greene	727	843,756	714	601,419	714	242,337
Greensville	559	669,270	542	472,951	540	216,319
Halifax	3,573	3,220,125	3,450	2,337,520	3,524	882,605
Hanover	4,975	7,016,114	4,943	5,082,845	4,879	1,933,269
Henrico	9,883	15,840,614	9,809	11,354,863	9,673	4,485,751
Henry	4,960	4,936,387	4,924	3,651,411	4,909	1,284,976
Highland	497	585,333	490	442,796	486	142,537
Isle of Wight	2,122	2,785,539	2,085	1,962,770	2,067	822,769
James City	721	899,504	684	662,453	686	237,051
King and Queen	802	996,784	791	734,889	780	261,895
King George	781	990,295	765	721,349	707	268,946
King William	1,192	1,733,786	1,185	1,232,927	1,154	500,859

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TABLE 18.12

Medicare Enrollment and Reimbursement for Persons Aged 65 and Over in Virginia's Counties and Cities: 1982, *CONTINUED*

	Hospital &/or Medical Insurance		Hospital Insurance		Supplementary Medical Insurance	
	Number Enrolled	Amount Reimbursed	Number Enrolled	Amount Reimbursed	Number Enrolled	Amount Reimbursed
Lancaster	2,360	2,625,224	2,339	1,858,686	2,312	766,538
Lee	3,597	3,840,708	3,471	2,893,138	3,554	947,570
Loudoun	3,994	6,059,822	3,919	4,248,975	3,852	1,810,847
Louisa	2,167	2,868,935	2,135	2,082,226	2,107	786,709
Lunenburg	1,501	1,692,612	1,478	1,247,411	1,465	445,201
Madison	1,200	1,377,058	1,176	995,132	1,174	381,926
Mathews	1,712	1,965,508	1,696	1,443,348	1,666	522,160
Mecklenburg	4,254	4,580,164	4,167	3,310,660	4,169	1,269,504
Middlesex	1,559	1,752,668	1,542	1,312,020	1,503	440,648
Montgomery	4,485	4,970,231	4,427	3,650,065	4,398	1,320,166
Nelson	2,075	2,384,758	2,036	1,756,242	2,018	628,516
New Kent	848	1,103,270	840	831,504	824	271,766
Northampton	2,439	2,441,548	2,398	1,799,750	2,393	641,798
Northumberland	1,915	2,248,144	1,899	1,638,505	1,870	609,639
Nottoway	2,476	3,239,920	2,370	2,355,893	2,390	884,027
Orange	2,782	3,564,209	2,748	2,517,128	2,717	1,047,081
Page	2,532	3,173,974	2,498	2,430,690	2,467	743,284
Patrick	2,298	2,421,061	2,273	1,879,774	2,273	541,287
Pittsylvania	5,996	4,682,127	5,855	3,262,513	5,922	1,419,614
Powhatan	940	1,392,211	934	1,034,628	911	357,583
Prince Edward	2,318	2,685,767	2,271	2,002,220	2,239	683,547
Prince George	724	797,916	719	562,165	701	235,751
Prince William	2,867	5,201,084	2,792	3,458,280	2,707	1,742,804
Pulaski	3,744	5,147,372	3,709	3,848,461	3,697	1,298,911
Rappahannock	831	1,236,565	817	917,189	801	319,376
Richmond	1,134	1,748,882	1,117	1,312,641	1,105	436,241
Roanoke	3,159	3,778,922	3,037	2,678,675	3,093	1,100,247
Rockbridge	1,733	1,604,124	1,705	1,123,221	1,689	480,903
Rockingham	5,854	4,967,856	5,783	3,414,346	5,729	1,553,510
Russell	2,887	3,397,076	2,790	2,605,678	2,854	791,398
Scott	3,313	4,220,841	3,213	3,209,596	3,273	1,011,245
Shenandoah	4,284	4,224,014	4,244	3,019,642	4,168	1,204,372
Smyth	4,225	3,824,078	4,119	2,767,644	4,161	1,056,434
Southampton	1,698	2,226,041	1,654	1,556,245	1,658	669,796
Spotsylvania	1,532	1,787,767	1,519	1,264,582	1,477	523,185
Stafford	1,709	2,130,618	1,684	1,496,679	1,604	633,939
Surry	748	835,268	736	565,183	721	270,085
Sussex	1,617	2,213,761	1,579	1,637,963	1,586	575,798
Tazewell	5,641	7,776,135	5,550	6,074,580	5,575	1,701,555
Warren	2,632	3,999,063	2,612	2,985,124	2,542	1,013,939
Washington	4,572	4,279,930	4,463	3,118,364	4,493	1,161,566
Westmoreland	2,300	3,127,349	2,270	2,251,584	2,210	875,765
Wise	4,859	6,294,070	4,767	5,003,211	4,786	1,290,859
Wythe	3,500	5,146,415	3,441	4,034,838	3,451	1,111,577
York	1,445	1,656,579	1,420	1,107,217	1,360	549,362
Cities						
Alexandria	15,464	29,782,251	14,884	20,013,243	14,545	9,769,008
Bedford	1,206	967,703	1,194	706,537	1,178	261,166
Bristol	3,657	3,689,345	3,604	2,636,673	3,600	1,052,672
Buena Vista	898	755,531	881	515,179	879	240,352
Charlottesville	5,855	7,808,202	5,793	5,368,918	5,757	2,439,284
Chesapeake	8,229	13,884,668	8,098	10,154,266	7,582	3,730,402
Clifton Forge	1,219	2,081,932	1,202	1,536,141	1,197	545,791
Colonial Heights	1,777	2,246,687	1,769	1,617,190	1,714	629,497

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TABLE 18.12
Medicare Enrollment and Reimbursement for Persons Aged 65
and Over in Virginia's Counties and Cities: 1982, *CONTINUED*

	Hospital &/or Medical Insurance		Hospital Insurance		Supplementary Medical Insurance	
	Number Enrolled	Amount Reimbursed	Number Enrolled	Amount Reimbursed	Number Enrolled	Amount Reimbursed
Covington	2,604	3,252,004	2,592	2,408,938	2,578	843,066
Danville	8,425	7,768,425	8,356	5,275,146	8,328	2,493,279
Emporia	1,526	2,737,728	1,494	1,962,703	1,506	775,025
Fairfax	2,894	4,343,141	2,832	2,837,469	2,732	1,505,672
Falls Church	6,275	9,977,976	6,004	6,360,302	5,821	3,617,674
Franklin	1,560	2,576,978	1,521	1,760,588	1,532	816,390
Fredericksburg	3,827	4,668,105	3,785	3,293,604	3,710	1,374,501
Galax	2,020	2,198,056	2,001	1,650,595	2,000	547,461
Hampton	8,996	10,384,614	8,877	7,157,627	8,423	3,226,987
Harrisonburg	2,649	2,208,317	2,624	1,485,541	2,590	722,776
Hopewell	2,650	4,473,493	2,627	3,293,183	2,587	1,180,310
Lexington	1,247	946,233	1,230	650,411	1,220	295,822
Lynchburg	10,188	9,812,856	10,087	7,047,296	10,036	2,765,560
Manassas	NE	NE	NE	NE	NE	NE
Manassas Park	1,935	3,726,305	1,913	2,608,989	1,850	1,117,316
Martinsville	3,289	3,593,833	3,246	2,659,404	3,239	934,429
Newport News	11,883	14,409,732	11,733	9,721,013	11,522	4,688,719
Norfolk	24,074	40,966,886	23,681	29,612,913	22,699	11,353,973
Norton	846	1,304,148	829	1,010,398	831	293,750
Petersburg	5,768	7,383,942	5,658	5,412,286	5,585	1,971,656
Poquoson	582	657,812	582	458,148	566	199,664
Portsmouth	11,270	15,388,388	11,080	10,972,891	9,937	4,415,497
Radford	1,725	2,271,276	1,715	1,725,800	1,706	545,476
Richmond	43,148	70,994,158	42,536	51,994,304	41,942	18,999,854
Roanoke	19,659	24,284,336	19,504	18,022,803	19,077	6,261,533
Salem	3,756	4,241,514	3,718	3,040,931	3,631	1,200,583
South Boston	1,540	1,808,366	1,512	1,329,287	1,521	479,079
Staunton	4,024	4,509,827	3,938	3,329,697	3,967	1,180,130
Suffolk	5,364	7,717,691	5,245	5,612,385	5,157	2,105,006
Virginia Beach	13,240	20,845,746	13,062	14,321,288	12,677	6,524,458
Waynesboro	2,640	3,275,275	2,615	2,398,126	2,594	877,149
Williamsburg	2,729	3,918,500	2,671	2,728,729	2,612	1,189,771
Winchester	3,529	3,933,371	3,499	2,929,557	3,404	1,003,814
MSAs						
Bristol (Va. portion)	11,542	12,190,116	11,280	8,964,633	11,366	3,225,483
Charlottesville	11,224	14,763,613	11,072	10,283,479	11,006	4,480,134
Danville	14,421	12,450,552	14,211	8,537,659	14,250	3,912,893
Lynchburg	17,032	15,742,556	16,766	11,410,009	16,750	4,332,547
Norfolk	90,969	133,604,069	89,521	94,574,335	85,553	39,029,734
Northern Virginia	67,496	112,167,461	64,825	73,936,927	63,474	38,230,534
Richmond	78,798	122,468,322	77,782	89,360,394	76,676	33,107,928
Roanoke	28,822	34,971,977	28,485	25,743,149	27,997	9,228,828
Planning Districts						
LENOWISCO	12,615	15,659,767	12,280	12,116,343	12,444	3,543,424
Cumberland Plateau	12,516	17,142,230	12,193	13,285,815	12,370	3,856,415
Mount Rogers	23,890	24,748,831	23,441	18,405,017	23,535	6,343,814
New River Valley	14,001	17,026,146	13,843	12,561,834	13,790	4,464,312
Fifth	33,466	41,268,173	33,089	30,399,343	32,569	10,868,830
Central Shenandoah	24,702	24,879,003	24,358	17,917,698	24,218	6,963,305
Lord Fairfax	16,678	19,103,420	16,528	14,173,632	16,165	4,929,788
Northern Virginia	65,787	110,036,843	63,141	72,440,248	61,870	37,596,595
Rappahannock-Rapidan	11,136	15,179,346	10,981	10,876,987	10,845	4,302,359
Thomas Jefferson	15,466	20,017,306	15,243	14,121,947	15,131	5,895,359

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TABLE 18.12
Medicare Enrollment and Reimbursement for Persons Aged 65
and Over in Virginia's Counties and Cities: 1982, *CONTINUED*

	Hospital &/or Medical Insurance		Hospital Insurance		Supplementary Medical Insurance	
	Number Enrolled	Amount Reimbursed	Number Enrolled	Amount Reimbursed	Number Enrolled	Amount Reimbursed
Central Virginia	23,807	21,784,751	23,467	15,813,154	23,386	5,971,597
West Piedmont	28,632	27,452,764	28,281	19,804,430	28,258	7,648,334
Southside	11,397	11,955,963	11,114	8,670,509	11,201	3,285,454
Piedmont	11,485	13,556,387	11,205	10,003,888	11,121	3,552,499
Richmond Regional	65,981	105,456,557	65,207	76,951,693	64,227	28,504,864
RADCO	9,558	11,830,947	9,438	8,433,566	9,147	3,397,381
Northern Neck	7,709	9,749,599	7,625	7,061,416	7,497	2,688,183
Middle Peninsula	9,080	11,333,795	8,960	8,256,860	8,780	3,076,935
Crater	17,267	23,467,792	16,926	17,047,501	16,802	6,440,291
Southeastern Virginia	67,557	106,391,937	66,426	75,953,646	63,309	30,438,291
Peninsula	26,356	31,926,741	25,967	21,835,187	25,169	10,091,554
Accomack-Norhampton	7,789	7,780,249	7,684	5,675,107	7,630	2,105,142

SOURCE: U.S. Department of Health and Human Services, Health Care Financing Administration. *Annual Medicare Program Statistics*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: NE—No entry for locality in source document.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 18.13
Medicare Enrollment and Reimbursement for Disability
Beneficiaries in Virginia's Counties and Cities: 1982

	Hospital &/or Medical Insurance		Hospital Insurance		Supplementary Medical Insurance	
	Number Enrolled	Amount Reimbursed	Number Enrolled	Amount Reimbursed	Number Enrolled	Amount Reimbursed
Virginia	70,483	\$138,825,363	70,483	\$85,870,647	65,393	\$52,954,986
Counties						
Accomack	553	919,408	553	533,869	524	385,539
Albemarle	391	1,087,132	391	745,660	371	341,472
Alleghany	52	88,832	52	67,703	50	21,129
Amelia	126	201,934	126	141,038	109	60,896
Amherst	555	772,696	555	481,218	515	291,478
Appomattox	211	222,036	211	158,075	198	63,961
Arlington	874	3,064,629	874	1,854,986	805	1,209,643
Augusta	637	1,327,938	637	854,718	594	473,220
Bath	91	118,303	91	82,515	85	35,788
Bedford	515	751,538	515	409,492	459	342,046
Bland	145	205,809	145	124,618	140	81,191
Botetourt	377	366,957	377	223,779	345	143,178
Brunswick	307	510,539	307	311,248	293	199,291
Buchanan	1,361	1,898,682	1,361	1,166,460	1,298	732,222
Buckingham	223	329,343	223	165,478	202	163,865

CONTINUED ➡

TABLE 18.13

Medicare Enrollment and Reimbursement for Disability Beneficiaries
in Virginia's Counties and Cities: 1982, *CONTINUED*

	Hospital &/or Medical Insurance		Hospital Insurance		Supplementary Medical Insurance	
	Number Enrolled	Amount Reimbursed	Number Enrolled	Amount Reimbursed	Number Enrolled	Amount Reimbursed
Campbell	636	759,831	636	439,810	593	320,021
Caroline	288	578,435	288	356,489	270	221,946
Carroll	574	665,763	574	466,393	546	199,370
Charles City	72	142,655	72	72,115	68	70,540
Charlotte	261	277,321	261	148,998	236	128,323
Chesterfield	693	1,555,033	693	950,165	604	604,868
Clarke	109	180,276	109	98,923	100	81,353
Craig	58	128,086	58	95,265	52	32,821
Culpeper	331	721,251	331	398,320	314	322,931
Cumberland	114	118,228	114	63,323	110	54,905
Dickenson	780	688,357	780	456,086	744	232,271
Dinwiddie	519	768,417	519	527,792	489	240,625
Essex	129	293,807	129	187,886	125	105,921
Fairfax	1,187	3,977,414	1,187	2,157,356	1,069	1,820,058
Fauquier	337	668,930	337	430,103	318	238,827
Floyd	173	185,837	173	116,796	165	69,041
Fluvanna	128	294,056	128	175,492	116	118,564
Franklin	604	730,097	604	428,130	553	301,967
Frederick	352	605,390	352	370,041	317	235,349
Giles	405	595,139	405	363,974	394	231,165
Gloucester	259	432,614	259	290,410	241	142,204
Goochland	141	339,059	141	224,467	131	114,592
Grayson	327	347,732	327	241,101	308	106,631
Greene	135	376,221	135	263,317	128	112,904
Greensville	90	216,214	90	101,146	88	115,068
Halifax	481	922,802	481	580,979	462	341,823
Hanover	544	1,189,823	544	743,248	501	446,575
Henrico	1,064	3,029,827	1,064	2,010,900	974	1,018,927
Henry	887	1,272,945	887	791,443	835	481,502
Highland	51	94,157	51	30,710	48	63,447
Isle of Wight	359	695,612	359	330,497	333	365,115
James City	149	300,556	149	207,479	135	93,077
King and Queen	108	390,828	108	165,583	106	225,245
King George	97	182,630	97	126,451	89	56,179
King William	121	304,723	121	213,522	117	91,201
Lancaster	181	270,360	181	145,917	172	124,443
Lee	803	846,250	803	603,004	767	243,246
Loudoun	360	1,010,278	360	609,850	334	400,428
Louisa	327	668,363	327	484,798	306	183,565
Lunenburg	192	266,108	192	169,113	182	96,995
Madison	130	96,648	130	61,221	125	35,427
Mathews	116	200,145	116	137,789	106	62,626
Mecklenburg	583	876,854	583	554,228	541	322,626
Middlesex	125	299,308	125	248,706	117	50,602
Montgomery	725	955,936	725	657,410	678	298,526
Nelson	248	497,511	248	288,224	231	209,287
New Kent	121	299,529	121	170,042	111	129,487
Northampton	261	408,234	261	191,176	250	217,058
Northumberland	167	257,836	167	141,308	154	116,528
Nottoway	276	324,282	276	202,492	254	121,790
Orange	356	698,912	356	382,666	339	316,246
Page	357	555,937	357	360,262	322	195,675
Patrick	380	553,341	380	376,271	358	177,070
Pittsylvania	875	1,268,674	875	643,496	832	625,178
Powhatan	134	244,327	134	132,633	115	111,694

CONTINUED ➡

**TABLE 18.13**

**Medicare Enrollment and Reimbursement for Disability Beneficiaries
in Virginia's Counties and Cities: 1982, *CONTINUED***

	Hospital &/or Medical Insurance		Hospital Insurance		Supplementary Medical Insurance	
	Number Enrolled	Amount Reimbursed	Number Enrolled	Amount Reimbursed	Number Enrolled	Amount Reimbursed
Prince Edward	301	528,323	301	347,430	286	180,893
Prince George	127	308,085	127	210,656	116	97,429
Prince William	475	1,531,496	475	770,690	427	760,806
Pulaski	778	1,441,021	778	904,562	730	536,459
Rappahannock	86	70,083	86	21,826	80	48,257
Richmond	140	299,245	140	193,607	130	105,638
Roanoke	362	571,229	362	371,395	329	199,834
Rockbridge	272	480,364	272	301,196	260	179,168
Rockingham	741	906,931	741	545,611	695	361,320
Russell	942	1,074,186	942	699,677	902	374,509
Scott	628	873,860	628	592,795	609	281,085
Shenandoah	408	521,297	408	364,586	377	156,711
Smyth	881	843,580	881	541,905	846	301,675
Southampton	254	681,309	254	369,447	245	311,862
Spotsylvania	228	577,472	228	369,484	214	207,988
Stafford	268	488,856	268	316,889	246	171,967
Surry	90	145,675	90	97,717	84	47,958
Sussex	202	419,181	202	210,726	182	208,455
Tazewell	1,723	2,667,162	1,723	1,768,203	1,647	898,959
Warren	312	713,563	312	471,834	286	241,729
Washington	780	1,065,444	780	790,598	748	274,846
Westmoreland	248	389,719	248	271,898	232	117,821
Wise	1,493	1,741,158	1,493	1,179,442	1,431	561,716
Wythe	542	846,238	542	578,035	514	268,203
York	179	365,665	179	217,268	161	148,997
Cities						
Alexandria	1,494	5,875,100	1,494	3,475,895	1,349	2,399,205
Bedford	116	183,012	116	106,793	106	56,219
Bristol	564	585,801	564	355,368	531	230,433
Buena Vista	152	237,173	152	149,238	138	87,935
Charlottesville	602	1,895,422	602	1,106,315	568	789,107
Chesapeake	1,403	3,570,746	1,403	2,238,079	1,275	1,332,667
Clifton Forge	148	255,077	148	193,227	142	61,850
Colonial Heights	252	429,178	252	276,833	222	152,345
Covington	350	508,465	350	330,255	329	178,210
Danville	1,280	2,103,013	1,280	1,165,859	1,232	937,154
Emporia	191	411,340	191	260,500	182	150,840
Fairfax	325	967,761	325	600,132	295	367,629
Falls Church	435	1,589,120	435	857,934	391	731,186
Franklin	247	491,385	247	265,189	239	226,196
Fredericksburg	397	807,154	397	494,480	366	312,674
Galax	302	318,046	302	199,056	288	118,990
Hampton	1,322	2,556,182	1,322	1,576,962	1,158	979,220
Harrisonburg	254	363,229	254	172,500	239	190,729
Hopewell	364	831,770	364	610,387	331	221,383
Lexington	140	124,318	140	79,983	134	44,335
Lynchburg	1,342	2,200,950	1,342	1,272,372	1,251	828,578
Manassas	417	1,076,050	417	651,140	383	424,910
Manassas Park	NE	NE	NE	NE	NE	NE
Martinsville	453	791,850	453	487,662	426	304,188
Newport News	1,594	2,839,676	1,594	1,681,747	1,485	1,157,929
Norfolk	2,834	8,435,207	2,834	4,924,402	2,613	3,510,805
Norton	233	423,107	233	256,917	220	166,190
Petersburg	936	1,873,723	936	1,225,724	854	647,999

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TABLE 18.13
Medicare Enrollment and Reimbursement for Disability Beneficiaries
in Virginia's Counties and Cities: 1982, *CONTINUED*

	Hospital &/or Medical Insurance		Hospital Insurance		Supplementary Medical Insurance	
	Number Enrolled	Amount Reimbursed	Number Enrolled	Amount Reimbursed	Number Enrolled	Amount Reimbursed
Poquoson	63	105,477		76,719	58	28,758
Portsmouth	1,555	4,046,073	1,555	2,298,856	1,394	1,747,217
Radford	234	438,821	234	276,915	225	161,906
Richmond	5,112	12,656,643	5,112	8,385,741	4,630	4,270,902
Roanoke	2,264	3,917,276	2,264	2,511,159	2,077	1,406,117
Salem	500	688,570	500	484,490	436	204,080
South Boston	254	552,685	254	347,903	245	204,782
Staunton	505	767,632	505	534,964	469	232,668
Suffolk	996	2,282,166	996	1,319,643	939	962,523
Virginia Beach	1,638	3,647,841	1,638	2,318,114	1,466	1,329,727
Waynesboro	372	577,863	372	360,083	347	217,780
Williamsburg	263	628,975	263	404,762	242	224,213
Winchester	422	745,669	422	522,699	380	222,970
MSAs						
Bristol (Va. portion)	1,972	2,525,105	1,972	1,738,761	1,888	786,344
Charlottesville	1,256	3,652,831	1,256	2,290,784	1,183	1,362,047
Danville	2,155	3,371,687	2,155	1,809,355	2,064	1,562,332
Lynchburg	2,533	3,733,477	2,533	2,193,400	2,359	1,540,077
Norfolk	12,255	29,211,178	12,255	17,554,441	11,167	11,656,737
Northern Virginia	5,835	19,580,704	5,835	17,294,872	5,299	8,285,832
Richmond	10,079	23,668,069	10,079	15,540,703	9,146	8,127,366
Roanoke	3,503	5,544,032	3,503	3,590,823	3,187	1,953,209
Planning Districts						
LENOWISCO	3,157	3,884,375	3,157	2,632,158	3,027	1,252,217
Cumberland Plateau	4,806	6,328,387	4,806	4,090,426	4,591	2,237,961
Mount Rogers	4,115	4,878,413	4,115	3,297,074	3,921	1,581,339
New River Valley	2,315	3,616,754	2,315	2,319,657	2,192	1,297,097
Fifth	4,111	6,524,492	4,111	4,277,273	3,760	2,247,219
Central Shenandoah	3,215	4,997,908	3,215	3,111,518	3,009	1,886,390
Lord Fairfax	1,960	3,322,132	1,960	2,188,345	1,782	1,133,787
Northern Virginia	5,567	19,091,848	5,567	10,977,983	5,053	8,113,865
Rappahannock-Rapidan	1,240	2,255,824	1,240	1,294,136	1,176	961,688
Thomas Jefferson	1,831	4,818,705	1,831	3,063,806	1,720	1,754,899
Central Virginia	3,375	4,870,063	3,375	2,867,760	3,122	2,002,303
West Piedmont	4,479	6,719,920	4,479	3,892,861	4,236	2,827,059
Southside	1,625	2,862,880	1,625	1,794,358	1,541	1,068,522
Piedmont	1,493	2,045,539	1,493	1,237,872	1,379	807,667
Richmond Regional	7,881	19,456,896	7,881	12,689,311	7,134	6,767,585
RADCO	1,278	2,634,547	1,278	1,663,793	1,185	970,754
Northern Neck	736	1,217,160	736	752,730	688	464,430
Middle Peninsula	858	1,921,425	858	1,243,896	812	677,799
Crater	2,771	5,403,583	2,771	3,521,481	2,548	1,882,102
Southeastern Virginia	9,286	23,850,339	9,286	14,064,227	8,504	9,786,112
Peninsula	3,570	6,796,531	3,570	4,164,937	3,239	2,631,594
Accomack-Norhampton	814	1,327,642	814	725,045	774	602,597

SOURCE: U.S. Department of Health and Human Services, Health Care Financing Administration. *Annual Medicare Program Statistics*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: NE—No entry for locality in source document.
A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.



TABLE 18.14
Medicaid Recipients and Enrollments for the U.S.,
Virginia, and Surrounding States: 1980-1987

	Recipients				Payments			
	1987	1986	1983	1980	1987	1986	1983	1980
United States	21,486	20,561	19,936	20,205	\$44,934	\$40,645	\$32,228	\$23,213
Virginia	318	314	306	320	662	595	488	360
Delaware	37	39	46	49	90	79	62	45
District of Columbia	97	99	118	127	358	201	197	168
Florida	640	586	555	501	1,178	1,003	681	392
Georgia	506	484	441	430	901	818	601	462
Kentucky	411	415	388	410	606	537	411	296
Maryland	312	323	328	313	765	680	447	322
North Carolina	386	378	349	377	825	751	567	401
South Carolina	267	262	296	298	422	394	279	258
Tennessee	443	395	341	354	811	719	509	380
West Virginia	215	211	177	199	244	201	141	104

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: For the fiscal year ending September 30.
 "Recipients" in thousands. Includes persons receiving Medicaid at any time during year.
 "Payments" in millions of dollars.

TABLE 18.15
Hospitalization under the State and Local Program
for the Indigent, Virginia: 1980-1988

	Fiscal Year						
	1988	1987	1986	1985	1984	1982	1980
Inpatient Care:							
Number of admissions	4,247	4,072	4,369	4,838	5,446	5,242	4,675
Total hospital days paid from public funds	23,889	23,398	25,330	26,221	30,460	34,759	34,574
Average days per admission	5.6	5.8	5.8	5.6	5.6	6.5	7.4
Average cost per admission	\$2,353	2,271	2,111	1,762	1,586	1,355	1,209
Outpatient hospital clinic and emergency room visits:							
Number of visits	17,315	17,987	19,072	17,259	16,510	20,936	11,144
Total expenditures ¹	\$365,384	315,446	304,718	259,188	229,399	269,904	159,927

SOURCE: Commonwealth of Virginia, Department of Social Services. *Biennial Report*, Richmond, Virginia.

NOTE: ¹Matched funds only.

TABLE 18.16
Aid to Families with Dependent Children (AFDC) Payments
for the U.S., Virginia, and Surrounding States: 1980-1986

	Payments for Year				Average Monthly Payment Per Family			
	1986	1985	1983	1980	1986	1985	1983	1980
United States	\$15,961	\$15,196	\$13,838	\$12,475	\$355	\$342	\$313	\$280
Virginia	178	173	168	160	\$255	246	232	214
Delaware	25	26	27	32	253	246	237	227
District of Columbia	77	76	78	92	308	286	282	252
Florida	267	249	246	203	227	215	196	175
Georgia	232	200	193	138	228	199	180	133
Kentucky	140	138	129	136	193	194	184	177
Maryland	250	244	225	214	302	283	265	228
North Carolina	184	167	154	154	228	217	183	164
South Carolina	104	95	75	72	186	181	128	107
Tennessee	104	92	82	85	143	134	116	113
West Virginia	109	94	60	60	247	230	170	182

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Payments for Year" in millions of dollars.
 "Average Monthly Payment Per Family" in dollars.

TABLE 18.17
Aid to Families with Dependent Children (AFDC) Recipients
for the U.S., Virginia, and Surrounding States: 1980-1987

	Families, 1987		Total Recipients				
	Number	Percent	1987	1986	1984	1983	1980
United States	3,707.8	4.1	10,696	11,065	10,556	10,674	10,923
Virginia	55.8	2.6	145	151	154.2	157.7	175.9
Delaware	7.7	3.2	20	21	25.3	25.2	34.2
District of Columbia	19.5	7.9	50	54	59.2	55.7	82.0
Florida	105.0	2.2	307	286	271.4	289.2	279.4
Georgia	84.9	3.8	244	246	239.9	230.4	233.7
Kentucky	58.9	4.3	155	161	158.3	158.7	175.1
Maryland	64.6	3.9	178	186	196.4	193.7	220.3
North Carolina	67.4	2.8	171	173	159.5	170.2	201.8
South Carolina	44.7	3.7	122	130	118.4	128.9	156.1
Tennessee	66.1	3.6	181	177	153.6	154.0	173.9
West Virginia	36.4	5.1	111	115	104.5	88.1	80.0

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In thousands.
 "Total Recipients" includes the children and one or both parents, or one caretaker relative other than a parent, in families where the needs of such adults were considered in determining the amount of assistance.



TABLE 18.18
Federal Food Stamp and National School Lunch Program Statistics
for the U.S., Virginia, and Surrounding States: 1980 and 1987

	Food Stamp Program			National School Lunch Program		
	Persons		Cost, 1987	Persons		Cost, 1987
	1987	1980		1987	1980	
United States	18,323	20,115	\$10,466	23,869	26,384	\$2,679
Virginia	304	412	175	628	717	53
Delaware	27	53	7	56	60	5
District of Columbia	58	104	32	52	57	9
Florida	604	997	367	1,031	1,055	124
Georgia	460	658	257	916	894	91
Kentucky	450	485	303	506	567	56
Maryland	241	335	159	352	434	34
North Carolina	389	592	214	807	887	84
South Carolina	269	444	159	476	489	58
Tennessee	484	674	277	615	648	62
West Virginia	257	216	155	221	245	27

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States*, 1989. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: Data for pupils participating in National School Lunch Program are for month in which most pupils participated nationwide. For National School Lunch Program, covers public and private elementary and secondary schools and residential child care institutions. Sponsors of school lunch programs are reimbursed by the Federal Government at rates set by law for each meal served.

"Persons" in thousands.

"Cost" in millions of dollars.

TABLE 18.19
Food Stamp Program Participation, Virginia: 1980-1988

	Fiscal Year				
	1988	1986	1984	1982	1980
Households, average monthly:					
On public assistance	55,874	49,249	31,618	38,739	35,832
Not on public assistance	74,128	84,248	118,561	119,480	92,802
Persons, average monthly:					
On public assistance	127,330	116,252	94,844	112,283	111,499
Not on public assistance	195,451	229,306	314,680	313,832	251,417
Coupons issued, average monthly value ¹	\$15.6	15.1	17.0	16.5	12.3

SOURCE: Commonwealth of Virginia, Department of Social Services. *Biennial Report*. Richmond, Virginia.

NOTE: ¹In millions of dollars.

TABLE 18.20
Public Assistance Cases Receiving Financial
Assistance by Program, Virginia: 1980-1988

Program	Fiscal Year				
	1980	1986	1984	1982	1980
All Programs:					
Average monthly cases	72,341	75,554	76,344	76,676	74,287
Average monthly assistance ¹	\$17.9	18.1	16.3	16.4	14.3
Auxiliary grant:					
Aged:					
Average monthly cases	2,695	2,489	2,114	1,759	1,445
Average monthly assistance ²	\$546.6	505.3	389.3	354.3	253.4
Disabled:					
Average monthly cases	2,546	2,310	1,915	1,625	1,261
Average monthly assistance ²	\$568.2	492.5	375.3	342.1	227.4
Foster care:					
Average monthly cases	3,115	2,833	3,218	3,744	4,290
Average monthly assistance ²	\$1,192.1	713.5	705.6	711.0	671.3
General assistance:					
Average monthly cases	7,227	7,471	7,834	7,708	7,693
Average monthly assistance ²	\$1,144.1	1,122.6	1,026.5	1,026.0	930.8
Aid to dependent children:					
ADC program:					
Average monthly families	54,897	58,599	59,383	60,417	59,573
Average monthly adults	47,059	50,776	52,053	52,613	48,928
Average monthly children	97,758	102,669	104,930	109,483	114,522
Average monthly assistance ¹	\$13.9	14.9	13.5	13.6	12.2
ADC-FC Program:					
Average monthly cases	1,853	1,842	1,871	NA	NA
Average monthly families	NA	NA	NA	1,415	NA
Average monthly children	NA	NA	NA	2,092	NA
Average monthly assistance ²	\$540.6	409.6	367.9	380.1	NA
Emergency Assistance to Needy Families with Children:					
ADC Program:					
Average monthly families	12	11	11	13	17
Average monthly assistance ²	\$3.5	3.6	3.5	4.0	4.5
Other needy families:					
Average monthly families	8	10	8	8	9
Average monthly assistance ²	\$2.7	3.0	3.0	2.3	2.3

SOURCE: Commonwealth of Virginia, Department of Social Services. *Biennial Report*. Richmond, Virginia.

NOTES: "Auxiliary grant Program" supplements the income of some individuals who received assistance from OAA and APTD in December 1973. In addition, aged and disabled individuals whose income is insufficient to pay for care in a home for adults are assisted.
 "General assistance" (general relief) cases are either maintenance or short term/emergency assistance, including cases pending in another program.
 "Emergency Assistance to Needy Families with Children" program implemented in May 1972. Emergency Assistance-ADC Cases are payments made for cases and recipients receiving money payments, therefore the count of cases is duplicated, and is not included in the total cases receiving assistance. Emergency Assistance-Other Needy Families are payments made for needy families with children who are not receiving maintenance assistance.

¹In millions of dollars.

²In thousands of dollars.

NA—Not available.



TABLE 18.21
Black Lung Benefits for the U.S., Virginia,
and Surrounding States: December 1986

	Number				Monthly Amount		
	Total	Miners	Widows	Dependents	Total	Miners	Widows
United States	275,783	70,253	135,033	70,497	\$78,900	\$33,300	\$45,600
Virginia	17,230	4,854	6,993	5,383	4,749	2,365	2,384
Delaware	329	77	179	73	96	36	60
District of Columbia	122	26	71	25	35	11	24
Florida	5,524	1,468	2,531	1,525	1,564	714	850
Georgia	615	130	373	112	185	59	126
Kentucky	34,364	9,793	13,562	11,009	9,413	4,773	4,640
Maryland	2,628	564	1,563	501	785	259	526
North Carolina	1,437	332	781	324	419	155	264
South Carolina	402	88	196	118	110	44	66
Tennessee	9,413	2,466	4,358	2,589	2,670	1,195	1,475
West Virginia	49,605	13,894	21,182	14,529	13,802	6,568	7,234

SOURCE: U.S. Department of Health and Human Services, Social Security Administration, *Social Security Bulletin*, Volume 50, Number 6, June 1987. U.S. Government Printing Office, Washington, D.C., monthly.

NOTE: In thousands of dollars.

TABLE 18.22
Wage and Salary Workers, Taxable Wages, and FICA
Contributions in Virginia's Counties and Cities: 1985

	Number of Workers			Taxable Wages			FICA Contributions		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Virginia	2,858,707	1,517,350	1,341,357	\$32,819	\$21,143	\$11,676	\$4,628	\$2,981	\$1,646
Counties									
Accomack	11,733	6,381	5,352	90,764	61,686	29,078	12,798	8,698	4,100
Albemarle	37,669	28,509	9,160	636,406	531,859	104,547	89,735	74,993	14,742
Alleghany	2,882	1,029	1,853	23,550	8,725	14,825	3,322	1,231	2,091
Amelia	2,161	(C)	(C)	16,775	8,766	8,009	2,366	1,236	1,130
Amherst	7,719	3,293	4,426	83,014	29,181	53,833	11,705	4,115	7,591
Appomattox	3,190	1,132	2,058	24,199	9,587	14,612	3,413	1,352	2,061
Arlington	96,333	47,549	48,784	1,375,869	814,900	560,969	193,998	114,901	79,097
Augusta	23,054	19,349	3,705	312,083	270,958	41,125	44,004	38,205	5,799
Bath	2,470	1,338	1,132	24,924	14,913	10,011	3,515	2,103	1,412
Bedford	4,425	2,470	1,955	41,420	26,001	15,419	5,841	3,667	2,174
Bland	(C)	(C)	(C)	2,345	1,418	927	331	200	131
Botetourt	4,734	2,676	2,058	43,266	26,105	17,161	6,101	3,681	2,420
Brunswick	6,381	3,088	3,293	53,871	32,239	21,632	7,597	4,546	3,051
Buchanan	12,350	8,439	3,911	179,587	134,423	45,164	25,323	18,954	6,369
Buckingham	3,499	(C)	(C)	36,802	30,446	6,356	5,190	4,293	897
Campbell	19,143	12,659	6,484	218,503	167,641	50,862	30,810	23,638	7,172
Caroline	2,779	1,750	1,029	25,151	17,781	7,370	3,548	2,508	1,040
Carroll	5,352	3,499	1,853	46,743	33,574	13,169	6,591	4,734	1,857
Charles City	(C)	(C)	(C)	3,060	306	2,754	433	44	389
Charlotte	3,397	1,750	1,647	26,158	16,735	9,423	3,689	2,360	1,329

CONTINUED ➡

TABLE 18.22

Wage and Salary Workers, Taxable Wages, and FICA Contributions
in Virginia's Counties and Cities: 1985, *CONTINUED*

	Number of Workers			Taxable Wages			FICA Contributions		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Chesterfield	73,897	38,904	34,993	766,447	486,039	280,408	108,070	68,532	39,538
Clarke	4,220	2,573	1,647	41,971	22,183	19,788	5,918	3,128	2,790
Craig	(C)	(C)	(C)	720	(C)	720	102	(C)	102
Culpeper	8,645	5,352	3,293	111,708	75,869	35,839	15,752	10,698	5,054
Cumberland	1,132	(C)	(C)	3,304	2,574	730	466	363	103
Dickenson	4,220	2,985	1,235	65,817	59,996	5,821	9,281	8,460	821
Dinwiddie	1,853	(C)	(C)	12,271	5,855	6,416	1,731	826	905
Essex	3,808	1,544	2,264	37,437	19,108	18,329	5,280	2,695	2,585
Fairfax	281,281	149,852	131,429	3,287,863	2,055,813	1,232,050	463,589	289,870	173,719
Fauquier	11,630	6,381	5,249	116,771	78,993	37,778	16,465	11,138	5,327
Floyd	1,338	(C)	(C)	11,427	6,003	5,424	1,612	847	765
Fluvanna	1,853	(C)	(C)	20,121	11,608	8,513	2,838	1,637	1,201
Franklin	10,704	5,146	5,558	108,704	61,081	47,623	15,328	8,613	6,715
Frederick	4,323	2,985	1,338	48,463	35,419	13,044	6,835	4,995	1,840
Giles	17,394	10,704	6,690	349,754	243,654	106,100	49,316	34,356	14,960
Gloucester	11,835	7,204	4,631	150,110	124,106	26,004	21,166	17,499	3,667
Goochland	2,470	1,441	1,029	33,355	19,583	13,772	4,704	2,762	1,942
Grayson	7,410	3,396	4,014	50,582	24,933	25,649	7,133	3,516	3,617
Greene	(C)	(C)	(C)	7,115	2,920	4,195	1,004	412	592
Greensville	3,293	1,955	1,338	33,413	20,839	12,574	4,712	2,939	1,773
Halifax	3,808	1,338	2,470	33,378	16,822	16,556	4,707	2,372	2,335
Hanover	15,027	9,572	5,455	183,272	145,407	37,865	25,842	20,503	5,339
Henrico	141,103	73,176	67,927	1,347,972	918,962	429,010	190,065	129,574	60,491
Henry	15,644	8,954	6,690	187,284	123,354	63,930	26,408	17,393	9,015
Highland	1,235	(C)	(C)	3,610	1,503	2,107	510	212	298
Isle of Wight	8,748	5,043	3,705	106,881	70,115	36,766	15,071	8,887	5,184
James City	7,410	3,911	3,499	108,453	67,154	41,299	15,293	9,489	5,824
King and Queen	(C)	(C)	(C)	4,115	2,425	1,690	581	342	239
King George	1,338	(C)	(C)	10,546	4,986	5,560	1,487	703	784
King William	5,455	3,808	1,647	109,955	86,030	23,925	15,505	12,131	3,374
Lancaster	2,985	1,647	1,338	32,090	20,258	11,832	4,526	2,857	1,669
Lee	4,322	2,058	2,264	41,555	27,897	13,658	5,860	3,934	1,926
Loudoun	18,011	9,674	8,337	190,909	124,271	66,638	26,919	17,523	9,396
Louisa	4,220	1,853	2,367	29,728	14,773	14,955	4,192	2,083	2,109
Lunenburg	3,602	2,058	1,544	25,222	16,333	8,889	3,557	2,303	1,254
Madison	2,882	1,750	1,132	25,289	20,758	4,531	3,566	2,927	639
Mathews	1,750	(C)	(C)	10,233	8,331	1,902	1,444	1,175	269
Mecklenburg	9,160	4,323	4,837	75,818	42,962	32,856	10,691	6,058	4,633
Middlesex	1,750	(C)	(C)	17,084	7,979	9,105	2,409	1,125	1,284
Montgomery	25,113	11,836	13,277	257,553	160,495	97,058	36,316	22,630	13,686
Nelson	3,500	1,750	1,750	35,338	21,182	14,156	4,983	2,987	1,996
New Kent	1,029	(C)	(C)	8,156	4,425	3,731	1,150	624	526
Northampton	6,176	3,191	2,985	68,328	45,083	23,245	9,635	6,357	3,278
Northumberland	3,911	2,470	1,441	44,019	34,016	10,003	6,208	4,797	1,411
Nottoway	4,323	2,470	1,853	45,175	25,989	19,186	6,371	3,665	2,706
Orange	7,307	4,014	3,293	69,434	41,069	28,365	9,791	5,791	4,000
Page	5,558	2,470	3,088	52,329	37,283	15,046	7,379	5,257	2,122
Patrick	4,941	3,191	1,750	44,453	30,677	13,776	6,269	4,326	1,943
Pittsylvania	10,909	6,381	4,528	97,371	66,455	30,916	13,731	9,371	4,360
Powhatan	1,647	(C)	(C)	16,023	11,025	4,998	2,260	1,555	705
Prince Edward	8,027	3,499	4,528	89,761	47,674	42,087	12,658	6,723	5,935
Prince George	5,352	2,161	3,191	48,765	31,963	16,802	6,876	4,507	2,369
Prince William	32,420	15,541	16,879	375,366	210,342	165,024	52,928	29,659	23,269
Pulaski	10,189	5,661	4,528	110,656	65,744	44,912	15,603	9,270	6,333
Rappahannock	1,235	(C)	(C)	12,215	7,048	5,167	1,723	994	729
Richmond	9,880	3,293	6,587	81,460	34,325	47,135	11,487	4,840	6,647
Roanoke	19,864	9,263	10,601	269,337	129,020	140,317	37,977	18,192	19,785

CONTINUED ➡


TABLE 18.22
**Wage and Salary Workers, Taxable Wages, and FICA Contributions
in Virginia's Counties and Cities: 1985, *CONTINUED***

	Number of Workers			Taxable Wages			FICA Contributions		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Rockbridge	6,690	3,808	2,882	91,407	56,926	34,481	12,889	8,027	4,862
Rockingham	15,026	9,057	5,969	165,666	119,916	45,750	23,360	16,909	6,451
Russell	8,131	4,220	3,911	98,611	70,135	28,476	13,905	9,889	4,016
Scott	3,087	1,955	1,132	15,315	11,006	4,309	2,160	1,552	608
Shenandoah	8,233	3,396	4,837	72,530	43,238	29,292	10,228	6,097	4,131
Smyth	8,954	4,426	4,528	89,694	51,912	37,782	12,648	7,320	5,328
Southampton	3,499	2,058	1,441	28,819	18,571	10,248	4,064	2,619	1,445
Spotsylvania	4,940	2,676	2,264	47,633	36,059	11,574	6,717	5,085	1,632
Stafford	4,219	2,161	2,058	31,692	18,701	12,991	4,469	2,637	1,832
Surry	1,132	(C)	(C)	6,654	3,165	3,489	939	447	492
Sussex	4,426	3,086	1,338	37,306	29,584	7,722	5,261	4,172	1,089
Tazewell	14,821	6,999	7,822	159,149	102,455	56,694	22,441	14,447	7,994
Warren	9,057	4,940	4,117	103,870	70,083	33,787	14,646	9,882	4,764
Washington	10,189	5,558	4,631	81,304	50,736	30,568	11,465	7,154	4,311
Westmoreland	4,323	2,470	1,853	34,476	20,274	14,202	4,862	2,859	2,003
Wise	12,557	6,999	5,558	145,385	103,148	42,237	20,500	14,544	5,956
Wythe	6,998	3,396	3,602	62,416	33,663	28,753	8,802	4,747	4,055
York	7,307	3,705	3,602	71,296	44,905	26,391	10,054	6,332	3,722
Cities									
Alexandria	76,469	40,756	35,713	780,228	493,603	286,625	110,014	69,599	40,415
Bedford	4,425	1,955	2,470	64,528	35,643	28,885	9,099	5,026	4,073
Bristol	16,261	9,880	6,381	160,997	114,945	46,052	22,702	16,208	6,494
Buena Vista	1,029	(C)	(C)	13,229	8,917	4,312	1,866	1,258	608
Charlottesville	31,699	17,702	13,997	272,295	173,036	99,259	38,394	24,398	13,996
Chesapeake	37,874	20,069	17,805	357,310	208,012	149,298	50,381	29,330	21,051
Clifton Forge	(C)	(C)	(C)	3,189	2,294	895	451	324	127
Colonial Heights	3,808	1,441	2,367	29,748	13,815	15,933	4,195	1,948	2,247
Covington	2,161	1,132	1,029	18,407	10,103	8,304	2,596	1,425	1,171
Danville	26,553	14,100	12,453	296,063	180,303	115,760	41,746	25,423	16,323
Emporia	3,191	1,647	1,544	33,516	22,166	11,350	4,727	3,126	1,601
Fairfax	29,538	18,320	11,218	334,771	248,197	86,574	47,203	34,996	12,207
Falls Church	22,539	9,880	12,659	273,057	124,072	148,985	38,502	17,495	21,007
Franklin	9,571	5,043	4,528	106,835	73,968	32,867	15,065	10,430	4,635
Fredericksburg	17,393	8,439	8,954	190,065	113,403	76,662	26,800	15,990	10,810
Galax	4,940	2,779	2,161	40,925	23,680	17,245	5,771	3,399	2,432
Hampton	41,271	20,172	21,099	381,458	220,203	161,255	53,786	31,049	22,737
Harrisonburg	20,996	10,086	10,910	242,790	137,048	105,742	34,234	19,324	14,910
Hopewell	5,763	2,264	3,499	58,645	26,365	32,180	8,256	3,718	4,538
Lexington	3,808	1,750	2,058	29,282	16,964	12,318	4,129	2,392	1,737
Lynchburg	39,521	22,539	16,982	480,668	326,348	154,320	67,776	46,016	21,760
Manassas	12,557	6,793	5,764	106,408	71,149	35,259	15,004	10,032	4,972
Manassas Park	(C)	(C)	(C)	3,063	2,082	981	433	294	139
Martinsville	40,448	16,982	23,466	465,197	236,073	229,124	65,594	33,287	32,307
Newport News	83,262	51,254	32,008	1,225,476	941,809	283,667	172,793	132,796	39,997
Norfolk	189,579	96,642	92,937	1,904,252	1,156,250	748,002	268,501	163,032	105,469
Norton	3,808	2,161	1,647	35,461	22,321	13,140	5,001	3,148	1,853
Petersburg	18,732	9,160	9,572	226,963	128,450	98,513	32,003	18,112	13,891
Poquoson	2,470	(C)	(C)	67,734	52,603	15,131	9,551	7,417	2,134
Portsmouth	27,685	11,321	16,364	299,973	148,017	151,956	42,297	20,871	21,426
Radford	32,213	22,539	9,674	696,953	551,467	145,486	98,271	77,757	20,514
Richmond	283,751	138,119	145,632	3,737,622	2,258,484	1,479,138	527,006	318,447	208,559
Roanoke	76,675	39,727	36,948	846,032	540,142	305,890	119,291	76,160	43,131
Salem	19,143	10,601	8,542	226,695	164,405	62,290	31,965	23,182	8,783
South Boston	5,352	2,882	2,470	53,256	33,160	20,096	7,510	4,676	2,834
Staunton	13,174	5,352	7,822	162,741	62,370	100,371	22,948	8,795	14,153
Suffolk	11,939	5,455	5,249	127,957	81,030	46,927	18,043	11,426	6,617

CONTINUED →

TABLE 18.22

Wage and Salary Workers, Taxable Wages, and FICA Contributions in Virginia's Counties and Cities: 1985, *CONTINUED*

	Number of Workers			Taxable Wages			FICA Contributions		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Virginia Beach	85,218	43,021	42,197	791,814	486,143	305,671	111,647	68,547	43,100
Waynesboro	11,115	5,969	5,146	116,027	84,934	31,093	16,361	11,976	4,385
Williamsburg	19,143	9,160	9,983	151,697	84,943	66,754	21,390	11,977	9,413
Winchester	25,627	14,820	10,807	267,600	192,331	75,269	37,732	27,119	10,613
Statewide	250,816	135,854	114,962	3,002,819	2,069,367	933,452	423,398	291,781	131,617
MSAs									
Bristol (Va. portion)	29,537	17,393	12,144	257,616	176,687	80,929	36,327	24,914	11,413
Charlottesville	69,368	46,211	23,157	935,937	719,423	216,514	131,971	101,440	30,531
Danville	37,462	20,481	16,981	393,434	246,758	146,676	55,477	34,794	20,683
Lynchburg	66,383	38,491	27,892	782,185	523,170	259,015	110,292	73,769	36,523
Norfolk	521,288	271,914	249,374	5,637,530	3,615,175	2,022,355	794,902	509,745	285,157
Northern Virginia	573,367	300,526	272,841	6,759,226	4,163,130	2,596,096	953,059	587,006	366,053
Richmond	549,903	276,238	273,665	6,472,199	4,050,679	2,421,520	912,591	571,152	341,439
Roanoke	120,416	62,267	58,149	1,385,330	859,672	525,658	195,334	121,215	74,119
Planning Districts									
LENOWISCO	23,774	13,173	10,601	237,716	164,372	73,344	33,521	23,178	10,343
Cumberland Plateau	39,522	22,643	16,879	503,164	367,009	136,155	70,950	51,750	19,200
Mount Rogers	60,104	32,934	27,170	535,006	334,861	200,145	75,443	47,218	28,225
New River Valley	84,909	50,740	34,169	1,426,343	1,027,363	398,980	201,118	144,860	56,258
Fifth	125,459	64,428	61,031	1,431,196	880,794	550,402	201,805	124,195	77,610
Central Shenandoah	96,333	56,709	39,624	1,161,759	774,449	387,310	163,816	109,201	54,615
Lord Fairfax	57,018	31,184	25,834	586,763	400,537	186,226	82,738	56,478	26,260
Northern Virginia	569,148	298,365	270,783	6,727,534	4,144,429	2,583,105	948,590	584,369	364,221
Rappahannock-									
Rapidan	30,464	17,497	12,967	335,417	223,737	111,680	47,297	31,548	15,749
Thomas Jefferson	77,088	49,814	27,274	1,001,003	755,378	245,625	141,146	106,510	34,636
Central Virginia	78,423	44,048	34,375	912,332	594,401	317,931	128,645	83,814	44,831
West Piedmont	109,199	54,754	54,445	1,199,072	697,943	501,129	169,076	98,413	70,663
Southside	24,701	11,631	13,070	216,323	125,183	91,140	30,505	17,652	12,853
Piedmont	19,349	9,777	9,572	243,197	148,517	94,680	34,297	20,943	13,354
Richmond Regional	516,248	261,212	255,036	6,095,907	3,844,231	2,251,676	859,530	542,041	317,489
RADCO	29,331	15,026	14,305	305,087	190,930	114,157	43,021	26,923	16,098
Northern Neck	21,099	9,880	11,219	192,045	108,873	83,172	27,083	15,353	11,730
Middle Peninsula	21,098	12,556	8,542	328,934	247,979	80,955	46,385	34,967	11,418
Crater	44,565	21,716	22,849	487,181	282,202	204,979	68,700	39,795	28,905
Southeastern Virginia	372,878	188,652	184,226	3,723,841	2,242,106	1,481,735	525,069	316,142	208,927
Peninsula	158,393	88,202	70,191	2,006,114	1,411,617	594,497	282,867	199,040	83,827
Accomack-									
Northampton	17,909	9,572	8,337	159,092	106,769	52,323	22,433	15,055	7,378

SOURCE: U.S. Department of Health and Human Services, Social Security Administration, *Earnings and Employment Data for Wage and Salary Workers Covered Under Social Security by State and County, 1985*. U.S. Government Printing Office, Washington, D.C., 1988.

NOTES: "Taxable Wages" in thousands of dollars, except Virginia total, in millions.
 "FICA Contributions" include both employee and employer contributions. Data in thousands, except Virginia total, in millions.
 Statewide data included in state total, but not in totals for metropolitan statistical areas (MSAs) or planning districts.
 C—Data suppressed to protect confidentiality.
 A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
 A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.



TABLE 18.23
State Unemployment Insurance Programs for
the U.S., Virginia, and Surrounding States: 1987

	Average Weekly		Unem- ployment Benefits	Benefi- ciaries, First Payments	Bene- fits Paid
	Insured Unemployment				
	Number	Percent			
United States	2,297	2.4%	\$140	7,281	\$14,242
Virginia	21.0	0.9	133	118	128
Delaware	3.4	1.2	138	17	25
District of Columbia	7.9	1.9	177	21	68
Florida	51.7	1.1	128	159	269
Georgia	40.8	1.6	120	199	236
Kentucky	28.7	2.4	108	101	141
Maryland	30.5	1.7	151	96	193
North Carolina	41.9	1.6	124	185	202
South Carolina	22.1	1.8	104	82	88
Tennessee	39.8	2.2	98	148	167
West Virginia	19.8	3.6	145	59	126

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: Includes unemployment compensation for State and local government employees where covered by State law.
 "Insured Unemployment—Number" in thousands.
 "Insured Unemployment—Percent." Percent of average covered employment in preceding year.
 "Unemployment Benefits" in dollars.
 "Benefits Paid" in millions of dollars.

TABLE 18.24
Unemployment Insurance Benefits for the
U.S., Virginia, and Surrounding States: 1985

	Regular State Programs	State Extended Benefit Programs	Federal Employees	Ex-Service Persons	Railroad	Railroad Temporary Disability Insurance
United States	\$14,657	\$24.8	\$128.8	\$128.0	\$131.7	\$47.3
Virginia	142	(Z)	2.2	2.7	3.1	1.4
Delaware	22	...	0.2	0.4	0.3	0.3
District of Columbia	56	...	6.8	1.1	0.1	0.1
Florida	253	...	1.2	3.2	1.4	0.9
Georgia	208	...	2.7	3.7	1.8	1.5
Kentucky	176	(Z)	2.2	3.1	4.4	1.5

CONTINUED ➡

TABLE 18.24

Unemployment Insurance Benefits for the U.S., Virginia, and Surrounding States: 1985, *CONTINUED*

	Regular State Programs	State Extended Benefit Programs	Federal Employees	Ex-Service Persons	Railroad	Railroad Temporary Disability Insurance
Maryland	210	(Z)	3.1	2.6	2.3	1.1
North Carolina	249	...	1.7	4.0	1.2	0.6
South Carolina	144	(Z)	0.8	1.8	0.7	0.3
Tennessee	181	...	4.7	2.3	1.6	0.8
West Virginia	152	10.2	0.4	1.4	4.3	1.2

SOURCE: U.S. Department of Health and Human Services, Social Security Administration. *Social Security Bulletin Annual Statistical Supplement*, 1987. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: All figures in millions of dollars. Figures distributed according to State by which payment was made. Excludes training allowances, disaster assistance, trade readjustment allowances, Federal supplemental benefits, and special unemployment assistance.
 "Regular State Program" figures exclude benefits to claimants covered under reimbursable accounts.
 "State Extended Benefit Programs" includes benefits paid under the permanent Federal-State extended-benefit program of 1970. Excludes extended benefits paid under UCFE and UCX programs.
 "Federal Employees" is unemployment compensation, but excludes extended benefits.
 "Ex-Service Persons" refers to payments made under the Ex-Servicemen's Unemployment Compensation Act of 1958, and excludes extended benefits.
 Z—Less than \$50,000.

TABLE 18.25

Unemployment Compensation Claims and Payments, Virginia: January, 1985 to September, 1988

Year & Month	Average Weekly Initial Claims	Average Weekly Insured Unemployment Rate	Unemployment Insurance Final Payments
1988:			
September	3,525	0.7%	1,437
August	3,951	0.8	1,917
July	6,361	0.9	1,868
June	5,521	0.8	1,964
May	4,470	0.8	1,945
April	4,901	0.9	2,157
March	6,252	1.1	2,442
February	7,323	1.3	1,938
January	11,715	1.5	1,655
1987:			
December	11,354	1.1	1,510
November	5,329	0.7	1,177
October	3,535	0.6	1,288
September	3,478	0.7	1,454
August	3,530	0.7	1,639
July	5,192	0.7	1,834
June	4,810	0.9	2,268
May	3,519	0.8	1,917
April	4,484	0.9	2,661
March	4,828	1.1	2,327
February	7,054	1.3	1,849
January	9,593	1.3	1,970
1986:			
December	11,709	1.2	2,007
November	4,930	0.9	1,319
October	4,366	0.8	1,504

CONTINUED ➡

**TABLE 18.25**

Unemployment Compensation Claims and Payments, Virginia:
January, 1985 to September, 1988, *CONTINUED*

Year & Month	Average Weekly Initial Claims	Average Weekly Insured Unemployment Rate	Unemployment Insurance Final Payments
September	3,974	0.8	1,763
August	4,323	0.9	1,739
July	6,117	1.0	2,244
June	5,266	0.9	2,186
May	4,273	0.9	2,292
April	6,049	1.1	3,089
March	5,133	1.3	2,276
February	6,258	1.4	1,888
January	8,597	1.6	2,439
1985:			
December	11,965	1.1	1,836
November	6,100	1.0	1,557
October	5,002	0.9	1,862
September	4,344	0.9	1,630
August	5,249	1.0	1,845
July	8,538	1.2	2,571
June	5,869	1.0	2,019
May	5,475	1.1	2,680
April	6,767	1.2	3,119
March	6,752	1.7	2,374
February	8,996	1.8	2,052
January	12,108	2.2	2,613

SOURCE: Commonwealth of Virginia, Virginia Employment Commission. *Virginia Economic Indicators*. Richmond, Virginia, quarterly.

NOTES: "Average Weekly Insured Unemployment Rate" represents the ratio of unemployment insurance claimants to total covered employment.
"Unemployment Insurance Final Payments" is equal to the number of persons receiving their last unemployment insurance payment.

TABLE 18.26

**Workers' Compensation Payments for the U.S.,
Virginia, and Surrounding States: 1975-1986**

	1986	1985	1984	1983	1982	1980	1975
United States	25,019	\$22,472	\$19,685	\$17,575	\$16,263	\$13,562	\$6,598
Virginia	305	269	243	221	249.4	174	65.9
Delaware	46	41	36	30	27.1	21	9.8
District of Columbia	76	74	74	78	80.5	70	26.7
Florida	928	815	685	645	519.7	362	264.1
Georgia	427	360	296	256	235.4	185	77.5
Kentucky	245	225	194	168	167.8	161	60.5
Maryland	328	306	272	255	241.8	187	73.4
North Carolina	263	242	201	173	159.9	131	50.8
South Carolina	171	156	128	107	98.9	79	32.5
Tennessee	234	204	175	149	149.1	129	61.6
West Virginia	322	285	249	222	211.7	176	75.9

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States*, 1989. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In millions of dollars. Payments represent cash and medical benefits and include insurance losses paid by private insurance carriers, net disbursements of State funds, and self-insurance payments. Includes benefit payments under Longshoremen's and Harbor Workers' Compensation Act and Defense Bases Compensation Act for States in which such payments are made.

TABLE 18.27
Number and Finances of Foundations for the
U.S., Virginia, and Surrounding States: 1984

	Number	Finances		
		Assets	Grants	Gifts Received
United States	24,261	\$67,867	\$4,479	\$2,706
Virginia	406	480	34	17
Delaware	134	642	31	12
District of Columbia	226	580	31	20
Florida	772	938	70	72
Georgia	429	826	50	25
Kentucky	138	234	17	16
Maryland	400	481	39	29
North Carolina	442	1,177	92	24
South Carolina	147	180	13	12
Tennessee	248	477	27	12
West Virginia	...	...	...	...

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: Figures are for latest year reported by foundations, usually 1983 or 1984. Covers nongovernment nonprofit organizations with funds and programs managed by their own trustees or directors, whose goal was to maintain or aid social, educational, religious, or other activities deemed to serve the common good. Excludes organizations which make general appeals to the public for funds, act as trade associations for industrial or other special groups, or do not currently award grants.
 Finances in millions of dollars.

Section 19: Taxes

This section presents data on federal, state, and local taxes in the Commonwealth. The state data tables compare Virginia federal income tax returns and state tax rates and revenues with those of surrounding states. For Virginia as a whole, this section includes information on total collections by type of tax, individual and corporate state tax returns, and average nominal tax rates on local property. For counties and independent cities, this section covers state sales tax collections, taxable sales, and local tax rates and levies for both real estate and personal property. Related data on state and local government revenues will be found in Section 11 (Government Finance).

The U.S. Internal Revenue Service releases statistics on federal income tax returns in the *Statistics of Income Bulletin* and the *Annual Report of the Commissioner of the Internal Revenue Service*. Some of these statistics are reproduced in the Census Bureau's *Statistical Abstract of the United States*. For information on state tax revenues, the Census Bureau itself compiles data in *State Government Tax Collections*, an annual report in the Government Finances series. Further information on the rates and amounts of taxes levied by states is available in *The Book of the States*, published by the Council of State Governments.

The Virginia Department of Taxation issues several reports on taxes in Virginia. The Department's *Annual Report* is the source for most of the detailed county/city tables on local tax levies and assessed values presented here. *Local Tax Rates*, an annual pamphlet, gives property tax rates for all localities in the state, while the yearly *Virginia Assessment/Sales Ratio Study* compares the assessed values of real estate in an area with actual selling prices to determine the current assessment/sales ratio for each locality. Lastly, the Department of Taxation publishes quarterly and annual data on taxable sales in counties and cities, showing totals for each type of business in each locality.

The Center for Public Service summarizes these taxable sales data in its *Virginia Trends* series, which includes sales totals for planning districts, metropolitan statistical areas, and other urban clusters in the state. Another useful source from the Center is *Tax Rates in Virginia's Cities, Counties, and Selected Towns*, by Albert W. Spengler. This annual study discusses trends in local taxation, summarizes legislative changes that affect taxation, and includes detailed information on tax provisions in the state's localities.

CONCEPTS

EFFECTIVE TRUE TAX RATE FOR REAL PROPERTY

The effective true tax rate is obtained by multiplying the nominal rate by the local assessment ratio.

PROPERTY TAXES

In addition to real property (the land and its permanent attachments), the Code of Virginia specifies three other classes of taxable property:

Machinery and Tools. These are classed together as a separate category for local taxation. The tax rate imposed on machinery and tools may not be higher than rates on other classes of tangible personal property.

Merchants' Capital. Merchants' capital is the inventory of stock on hand, excluding money on hand and deposit. A locality may impose a local tax on merchants' capital provided that it does not also impose a business license tax on merchants.

Tangible Personal Property. Personal property is property that is movable. The Code of Virginia classifies tangible personal property into 18 different categories, all taxable; in effect, however, many localities tax only those classes of tangible property that are subject to registration (e.g., automobiles, boats, mobile homes, etc.).

SEVERANCE TAXES

Severance taxes are fees imposed on the removal of natural products (e.g., oil, other minerals, timber, fish, etc.) and measured by the value or quantity of the products removed or sold.

TAXABLE SALES

Taxable sales in Virginia include all items covered by the state sales tax. (The rate of this tax was 4 percent until the beginning of 1987, when it rose to 4.5 percent.) They do not include motor vehicle fuels, motor vehicles and travel trailers, alcoholic beverages, or prescription drugs. Because of differences in items included and excluded, Virginia taxable sales differ somewhat from U.S. Department of Commerce retail sales figures.

Figure 19.1
Federal Income Taxes Per Capita: 1986

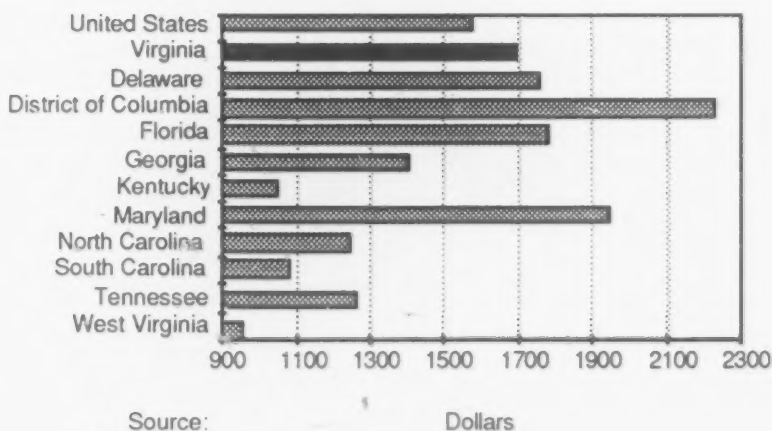


Figure 19.2
Taxes on Local Property, Virginia: 1987

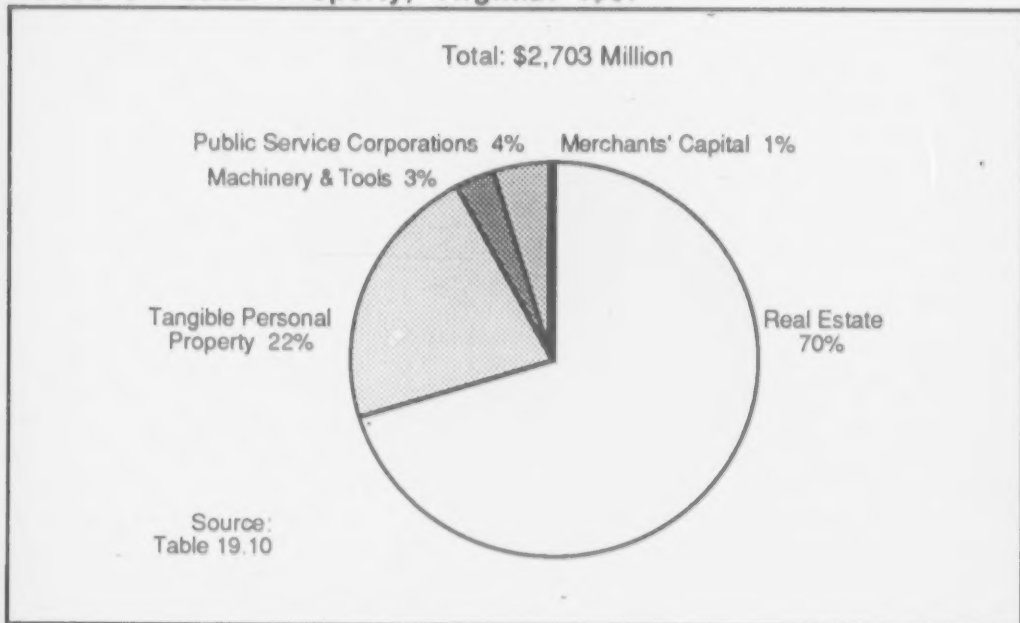


Figure 19.3
Taxable Income and Assessed Taxes, Virginia Corporations: Fiscal Years 1975-76 to 1987-88

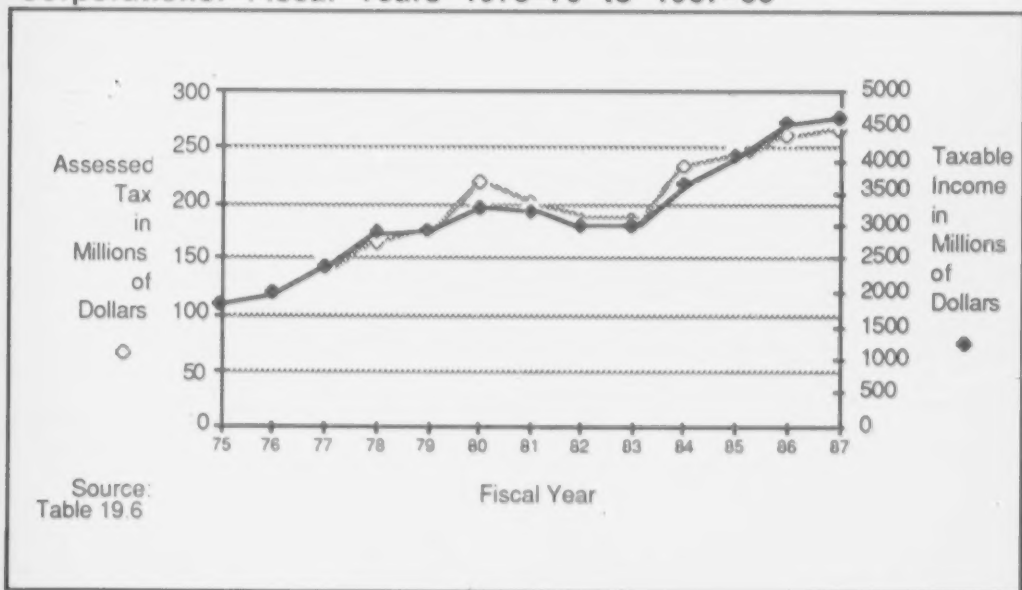


TABLE 19.1
Federal Individual Income Tax Returns for the U.S.,
Virginia, and Surrounding States: 1983 and 1986

	1986			1983		
	Number of Returns	Adjusted Gross Income	Per Capita Income Tax	Number of Returns	Adjusted Gross Income	Per Capita Income Tax
United States ¹	103,634	\$2,472,560	\$1,579	99,419	\$2,134,030	\$1,343
Virginia	2,584	65,738	1,702	2,425	54,404	1,397
Delaware	291	7,285	1,757	274	6,148	1,474
District of Columbia	325	8,278	2,233	316	7,143	1,938
Florida	5,301	123,771	1,790	4,906	101,265	1,473
Georgia	2,548	58,644	1,408	2,376	48,000	1,158
Kentucky	1,382	27,961	1,055	1,342	24,936	916
Maryland	2,127	57,492	1,952	1,996	47,559	1,743
North Carolina	2,710	57,577	1,253	2,566	48,412	1,042
South Carolina	1,347	27,775	1,081	1,277	23,656	913
Tennessee	1,968	41,071	1,264	1,873	35,086	1,051
West Virginia	664	13,553	962	664	12,682	865

SOURCES: U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual; U.S. Department of the Treasury, Internal Revenue Service, *Statistics of Income Bulletin*, Volume 8, Number 2. U.S. Government Printing Office, Washington, D.C., 1988.

NOTES: "Number of Returns" in thousands.
"Adjusted Gross Income" in millions of dollars.
"Per Capita Income Tax" in dollars.

¹Includes data for returns by U.S. citizens living abroad, U.S. citizens with APO or FPO addresses, and residents of Puerto Rico and certain U.S. territories and possessions.

TABLE 19.2
Federal Individual Income and Tax for the U.S.,
Virginia, and Surrounding States: 1986

	Number of Returns	Adjusted Gross Income	Tax Liability	
			Amount	Average Tax
United States	103,633,570	\$2,472,559,803	\$380,561,579	\$4,362
Virginia	2,583,679	65,737,990	9,851,527	4,422
Delaware	291,371	7,284,979	1,111,557	4,425
District of Columbia	325,256	8,277,611	1,398,386	5,079
Florida	5,300,996	123,771,406	20,901,193	4,705
Georgia	2,547,529	58,644,369	8,596,520	4,932
Kentucky	1,382,471	27,961,310	3,932,907	3,459
Maryland	2,126,981	57,492,048	8,709,935	4,706
North Carolina	2,710,326	57,576,909	7,932,772	3,503
South Carolina	1,346,996	27,774,612	3,650,940	3,293
Tennessee	1,967,923	41,071,250	6,072,049	3,748
West Virginia	663,519	13,552,665	1,845,691	3,356

SOURCE: U.S. Department of the Treasury, Internal Revenue Service, *Statistics of Income Bulletin*, Volume 8, Number 2. U.S. Government Printing Office, Washington, D.C., 1988.

NOTE: "Adjusted Gross Income" and "Amount" in thousands of dollars.

TABLE 19.3
Federal Individual Income and Employment Tax Receipts
for the U.S., Virginia, and Surrounding States: 1982-1985

	Total Tax Receipts				Percent of Personal Income			
	1985	1984	1983	1982	1985	1984	1983	1982
United States ¹	\$621,874	\$562,102	\$523,476	\$521,327	18.8%	18.7%	19.1%	20.3%
Virginia	11,514	10,018	9,098	8,643	13.9	13.6	13.9	14.3
Delaware	2,712	2,489	2,286	2,179	30.6	30.0	30.3	30.8
District of Columbia ²	...	...	...	...	...	...	...	...
Florida	23,367	20,375	18,877	17,654	15.0	15.0	15.2	15.4
Georgia	11,964	10,306	9,217	8,551	16.0	15.4	15.6	15.8
Kentucky	5,100	4,572	4,392	4,413	12.6	11.8	12.9	13.5
Maryland ²	18,947	17,805	16,086	15,282	23.4	24.6	24.3	24.7
North Carolina	10,529	9,495	8,639	8,273	14.5	14.3	14.7	15.2
South Carolina	4,406	4,003	3,759	3,726	12.4	12.1	12.9	13.7
Tennessee	8,986	7,431	6,927	6,385	16.8	15.1	15.8	15.4
West Virginia	2,127	1,934	1,951	2,089	10.8	10.1	11.1	12.2

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States, 1987*, U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Total Tax Receipts" in millions of dollars.

"Percent of Personal Income" represents a measure of income received from all sources during the calendar year by the residents of each state.

¹Tax receipts include Puerto Rico, international operations, and unallocated receipts and credits.

²Combined with Maryland.

TABLE 19.4
State Tax Rates for Virginia and Surrounding States: 1987

	Rate Range (percent)	Taxable Income Brackets		Personal Exemptions		
		Lowest (ends)	Highest (over)	Single	Married	Dependents
Virginia	2.0 - 5.75	\$3,000	\$14,000	\$700	\$1,400	\$700
Delaware ¹	1.0 - 8.8	1,000	40,000	1,000	2,000	1,000
District of Columbia	2.0 - 11.0	1,000	25,000	750	1,500	750
Florida	no state tax					
Georgia	1.0 - 6.0	750	7,000	1,500	3,000	700
Kentucky ^{1,2}	2.0 - 6.0	3,000	8,000	20	40	20

CONTINUED →

TABLE 19.4
State Income Tax Rates for Virginia and
Surrounding States: 1987, *CONTINUED*

	Rate Range (percent)	Taxable Income Brackets		Personal Exemptions		
		Lowest (ends)	Highest (over)	Single	Married	Dependents
Maryland ^{1,3}	2.0 - 5.0	1,000	3,000	1,000	2,000	1,000
North Carolina ⁴	3.0 - 7.0	2,000	10,000	1,100	2,200	800
South Carolina ⁵	3.0 - 7.0	4,000	10,000		Same as Federal	
Tennessee ⁶	very limited state income tax					
West Virginia	3.0 - 6.5	10,000	60,000	2,000	4,000	2,000

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1988*. U.S. Government Printing Office, Washington, D.C., annual.

- NOTES: ¹State in which one or more local governments levy a local income tax.
²Personal exemptions are a tax credit.
³All counties have a local income tax surcharge of at least 20 percent of State tax liability; most counties have a surcharge of 50 percent.
⁴An additional exemption of \$1,100 is allowed the spouse with the smallest income. Joint returns not allowed.
⁵Personal exemptions on the 1987 return are \$1,900 each; standard deduction for single is \$2,540 and for those filing a joint return, \$3,760.
⁶Interest and dividends taxed at 6 percent.

TABLE 19.5
Number and Type of Virginia Individual Income Tax Returns: 1972-1986

Tax Year	Total Returns	Individual Returns	Joint Returns, Married	Separate Returns, Married	Combined Returns, Married
1986	2,414,833	1,201,340	426,422	103,152	683,919
1985	2,344,265	1,156,250	433,645	97,591	656,779
1984	2,280,952	1,114,131	438,965	91,482	636,374
1983	2,195,457	1,055,288	447,218	85,409	607,542
1982	2,138,155	1,016,320	453,810	83,642	584,383
1981	2,134,977	1,018,271	461,632	89,371	565,703
1980	2,104,557	991,516	476,508	94,407	542,126
1979	2,082,933	971,257	501,243	94,570	515,863
1978	2,207,298	927,533	528,020	87,312	484,433
1977	1,943,603	856,729	543,801	87,645	455,428
1976	1,877,585	796,651	554,362	94,211	432,361
1975	1,799,755	732,693	574,019	94,360	398,683
1974	1,807,198	731,715	584,038	108,850	382,595
1973	1,731,949	678,031	597,095	106,022	350,801
1972	1,636,741	613,457	608,216	110,939	304,129

SOURCE: Commonwealth of Virginia, Department of Taxation. *Annual Report, Fiscal Year 1988*. Richmond, Virginia, annual.

TABLE 19.6
Corporate Tax Returns, Virginia: Fiscal Years 1975-76 to 1987-88

Fiscal Year	Number of Returns	Taxable Income	Assessed Tax
1987-88	90,832	\$4,610,946	\$266,329
1986-87	87,566	4,523,513	261,946
1985-86	73,159	4,036,987	238,292
1984-85	53,169	3,623,592	231,834
1983-84	49,987	2,981,732	184,109
1982-83	49,145	2,979,877	184,381
1981-82	49,366	3,211,499	199,522
1980-81	47,114	3,268,563	219,508
1979-80	42,556	2,904,422	178,479
1978-79	39,896	2,866,872	164,264
1977-78	37,943	2,358,279	141,824
1976-77	35,264	1,964,546	113,264
1975-76	35,606	1,838,410	106,026

SOURCE: Commonwealth of Virginia, Department of Taxation. *Annual Report, Fiscal Year 1988*, Richmond, Virginia, annual.

NOTES: "Taxable Income" in thousands of dollars.

"Assessed Tax" in thousands of dollars. Includes penalties and interest.

TABLE 19.7A
State Government Tax Revenue by Type of Tax for the U.S., Virginia, and Surrounding States: 1987

	Total	Sales & Gross Receipts	Licenses	Individual Income	Corporation Net Income
United States ¹	\$247,148.7	\$119,970.1	\$16,002.1	\$76,037.9	\$20,740.0
Virginia	5,526.6	2,259.6	329.8	2,445.8	320.6
Delaware	989.3	93.9	297.6 ¹	431.7	121.0
District of Columbia	1,914.7	561.6	38.1	507.4	169.3
Florida	9,846.2	7,588.4	662.7	...	596.4
Georgia	5,323.7	2,487.1	169.6	2,149.1	449.2
Kentucky	3,520.4	1,563.2	254.5	921.0	267.4
Maryland	5,111.1	2,305.8	168.6	2,181.1	270.5
North Carolina	6,235.2	2,530.1	415.5	2,565.9	566.5
South Carolina	3,339.5	1,921.0	167.6	1,008.9	190.5
Tennessee	3,603.3	2,785.5	351.3	68.1	298.6
West Virginia	1,830.2	1,134.0	111.4	482.2	89.9

SOURCE: U.S. Department of Commerce, Bureau of the Census. *State Government Tax Collections in 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In millions of dollars.

¹U.S. total excludes data for the District of Columbia.

TABLE 19.7B
State Government Tax Revenue by Type of Tax for
the U.S., Virginia, and Surrounding States: 1987, Continued

	Severance	Property	Death & Gift	Documentary & Stock Transfer	Other
United States ¹	\$4,047.9	\$4,613.7	\$3,022.6	\$2,633.2	\$81.2
Virginia	1.7	23.5	32.8	104.8	7.9
Delaware	...	...	12.8	31.2	1.1
District of Columbia	...	546.2	28.7	63.5	...
Florida	81.3	222.0	151.7	543.7	...
Georgia	...	17.8	30.3	16.9	3.7
Kentucky	211.2	251.2	49.3	2.6	...
Maryland	...	128.5	46.9	77.1	26.1
North Carolina	1.4	78.3	77.5	...	...
South Carolina	...	8.5	27.0	16.0	...
Tennessee	1.6	...	31.8	52.3	14.1
West Virginia	...	1.9	6.8	3.9	0.1

SOURCE: U.S. Department of Commerce, Bureau of the Census. *State Government Tax Collections in 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In millions of dollars.

¹U.S. total excludes data for the District of Columbia.

TABLE 19.8
State Tax Collections by Type of Tax, Virginia: 1983-1987

Tax Source	1987	1986	1985	1984	1983
Sales and Gross Receipts	\$2,259,632	\$1,961,999	\$1,845,506	\$1,696,025	\$1,518,362
General sales or gross receipts	1,102,670	1,020,192	927,908	832,982	721,580
Selective sales and gross receipts	1,156,962	941,807	917,598	863,043	796,782
Motor fuels (net)	438,691 ^a	307,637	327,830	324,973	321,394
Alcoholic beverages	95,257	97,741	92,754	90,646	78,487
ABC Board beverage sales	57,423	61,839	57,356	55,727	44,770
Beer excise	37,764	35,812	35,103	34,825	33,556
Other	70	90	295	94	161
Tobacco products	17,175	17,310	17,003	17,204	17,532
Insurance—gross premiums	158,495	131,181	108,633	97,014	87,071
Public utilities	144,132	133,600	137,165	120,037	116,041
Water, heat, light, and power companies	100,893	92,133	96,182	89,062	81,371
Telephone and telegraph	40,220	38,430	37,612	26,982	30,417
Steam railroads	3,019	3,037	3,371	3,993	4,253
Amusements—boxing and wrestling	188	163	65	85	77
Other	303,024	254,175	234,148	213,084	176,180
Automobile excise	211,586	151,916	132,222	116,514	88,028
Oil company sales tax	62,533 ^b	78,542	81,460	81,524	75,579
Motor vehicle rental	14,230	11,464	9,442	5,304	4,478
Mobile home	5,720	5,391	5,205	4,679	3,810
Vending machine sales tax	3,048	2,856	2,689	2,516	2,081
Watercraft sales	4,034	3,006	2,301	1,719	1,380
Aircraft sales	1,873	1,000	829	828	824
License	329,803	306,482	269,929	247,017	211,870
Motor vehicles	227,709	197,925	186,455	177,597	147,664
Registration	133,686 ^c	120,190	114,578	109,921	101,636
Motor carrier permits	26,795	22,801	21,828	20,704	5,788
Motor carrier international plan	22,811	23,154	20,229	19,248	16,583

CONTINUED ➡

TABLE 19.8
State Tax Collections by Type of Tax, Virginia: 1983–1987, *CONTINUED*

Tax Source	1987	1986	1985	1984	1983
Titles	18,705	18,184	17,041	16,225	14,344
Inspection stickers	5,719	4,898	4,665	4,470	3,228
Reserved plates	4,445	4,129	3,641	3,127	2,418
Other	11,740	4,569	4,473	3,902	3,667
Motor vehicle operators	20,976	16,753	15,763	14,901	14,083
Corporations in general	18,564	14,988	11,343	8,607	7,670
Franchise annual registration	11,643	11,489	8,401	5,876	5,509
Filing fees	1,094	999	895	NE	NE
Entrance fees—foreign corporations	2,028	1,642	1,346	1,431	1,029
Charter	734	659	531	522	438
Other	3,065	199	1,065	778	694
Alcoholic beverages	4,960	3,827	3,527	3,418	3,151
Amusements	36	34	37	15	16
Occupations and businesses, n.e.c.	43,074	44,434	40,010	30,073	26,856
Insurance companies—assessments	9,486	9,848	7,689	5,944	7,458
Agricultural products inspection	4,343	4,941	5,028	3,607	4,723
Security brokers, dealers, agents	3,497	3,262	2,764	593	454
Dentists	3,235	2,088	2,399	2,059	335
Bank—assessments	NE	2,524	1,776	2,089	...
Insurance agents	2,806	1,937	1,767	1,616	1,439
Attorneys	2,215	1,420	1,344	1,279	1,223
Contractors	1,487	1,305	967	954	525
Real estate brokers and salesmen	1,325	1,267	839 ^d	1,703	590
Hairdressers	NE	NE	760	96	...
Architects, engineers & surveyors	NE	NE	745	220	...
Other	14,680	18,346	13,932	9,913	10,109
Hunting and Fishing	12,313	11,409	10,645	10,341	10,292
Hunting	6,820	6,575	5,925	6,047	6,014
Angling	4,975	4,339	4,216	3,763	3,842
Other	518	495	504	531	436
Other	2,171	2,124	2,149	2,065	2,138
Marriage	686	686	710	636	616
Motorboat	719	670	708	612	994
Litter	505	493	437	NE	NE
Other	251	275	731	817	528
Individual Income (Net)	2,445,816	2,174,272	1,948,199	1,760,732	1,549,147
Refunds	-440,189	-435,766	-395,076	-361,361	-331,535
Gross collections	2,886,005	2,610,038	2,343,275	2,122,093	1,880,682
Corporate Net Income	320,598	280,768	287,747	242,706	183,215
Property—Special	23,510	18,533	23,575	31,347	35,865
Intangibles	152	300	2,049 ^e	13,016	15,916
Public service valuation	5,208	4,172	7,212	4,750	6,600
Share of banks, trust, and security companies	3,767	2,911	2,570	2,408	2,277
Steam railroads	1,418	1,422	1,503	1,789	2,240
Motor carriers	657	542	539	495	488
Car line companies	329	267	279	283	264
Interest and delinquent taxes	11,979	8,919	9,423	8,606	8,080
Death And Gift	32,800	19,915	28,139	26,299	17,819
Estate	32,542	19,070	27,693	25,596	16,876
Inheritance	244	824	347	506	897
Gift	14	21	99	197	46
Severance	1,714	1,600	1,647	1,424	1,347
Forest products	1,343	1,314	1,350	1,207	1,071
Oysters	371	286	297	217	276

CONTINUED →

TABLE 19.8

State Tax Collections by Type of Tax, Virginia: 1983-1987, *CONTINUED*

Tax Source	1987	1986	1985	1984	1983
Documentary and Stock Transfer	104,775	76,124	59,305	54,197	37,202
Deeds and contracts	102,690	74,281	57,712	52,652	35,900
Wills	2,085	1,843	1,593	1,545	1,302
Other	7,909	6,934	5,344	4,621	4,155
Miscellaneous penalties	7,281	6,428	4,870	4,198	3,709
Other	628	506	474	423	446

SOURCE: U.S. Department of Commerce, Bureau of the Census. *State Government Tax Collections in 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In thousands of dollars.

NE—No entry.

1987 data are preliminary.

^aMotor fuel tax rate increased from 11 cents to 15 cents per gallon effective July 1, 1986.

^bOil company excise tax repealed effective July 1, 1986.

^cMotor vehicle registration fees increased January 1, 1987.

^dReflects a two-year renewal cycle.

^eClassification of intangible personal property clarified to include capital of a trade or business of any person, firm, or corporation, effective July 1, 1984. Business inventory also added to tax base effective January 1, 1983.

TABLE 19.9

Local Property Assessed Values, Virginia: Tax Years 1975-1987

Tax Year	Real Estate	Tangible Personal Property	Machinery & Tools	Merchants' Capital	Public Service Corporations
1987	\$187,079	\$16,999	\$3,275	\$359	\$14,962
1986	166,460	14,862	3,039	406	14,337
1985	149,824	13,239	2,756	354	12,065
1984	137,876	11,667	2,603	381	11,296
1983	127,353	9,290	2,457	357	11,093
1982	118,992	8,492	2,202	370	9,960
1981	104,099	7,313	1,875	334	8,754
1980	87,376	6,153	1,547	318	7,306
1979	71,251	5,503	1,373	277	6,207
1978	59,175	4,722	1,045	243	4,833
1977	47,623	4,097	959	204	3,910
1976	22,922	3,478	885	173	1,951
1975	20,767	3,027	759	167	1,859

SOURCE: Commonwealth of Virginia, Department of Taxation. *Annual Report, Fiscal Year 1988*. Richmond, Virginia, annual.

NOTE: In millions of dollars.

TABLE 19.10
Local Property Levies Assessed, Virginia: Tax Years 1975–1987

Tax Year	Real Estate	Tangible Personal Property	Machinery & Tools	Merchants' Capital	Public Service Corporations
1987	\$1,899,780	\$594,736	\$79,494	\$5,794	\$123,369
1986	1,683,081	538,487	72,937	5,752	115,449
1985	1,519,835	482,123	65,969	5,373	102,740
1984	1,413,092	423,089	62,754	5,164	96,260
1983	1,303,507	345,658	58,255	4,850	96,913
1982	1,226,657	315,403	51,355	5,049	89,887
1981	1,114,747	271,129	47,116	4,936	85,821
1980	982,371	237,317	40,491	4,909	78,580
1979	874,708	215,558	35,154	4,285	76,749
1978	829,873	187,603	29,845	3,957	74,340
1977	768,653	165,350	27,192	3,422	71,968
1976	696,313	145,638	24,683	2,806	63,733
1975	610,902	121,230	20,869	2,654	57,303

SOURCE: Commonwealth of Virginia, Department of Taxation, *Annual Report, Fiscal Year 1988*. Richmond, Virginia, annual.

NOTE: In thousands of dollars.

TABLE 19.11
Real Estate Values and Taxes for
Virginia's Counties and Cities: Tax Year 1987

	Fair Market Value of Land	Taxable Value of Land	Buildings & Improvements	Total Fair Market Value	Total Taxable Value	Total Local Levies
Virginia	\$64,955	\$59,327	\$127,752	\$192,707	\$187,079	\$189,978
Counties						
Accomack	353,646	303,785	363,398	717,045	667,183	482,519
Albemarle	1,073,898	731,019	1,619,222	2,693,120	2,350,241	1,692,173
Alleghany	77,897	67,678	189,988	267,884	257,666	175,213
Amelia	158,840	128,231	88,367	247,208	216,598	145,421
Amherst	154,430	141,292	308,406	462,836	449,698	283,432
Appomattox	92,321	92,321	120,327	212,648	212,648	133,968
Arlington	4,272,584	4,272,584	7,375,144	11,647,728	11,647,728	10,715,910
Augusta	491,092	346,062	841,282	1,332,374	1,187,344	688,660
Bath	64,799	64,799	106,366	171,1 ⁶	171,166	66,754
Bedford	418,628	315,074	619,774	1,038,402	934,849	570,258
Bland	46,866	37,864	52,722	99,588	90,586	67,940
Botetourt	201,443	155,750	340,760	542,203	496,510	372,383
Brunswick	196,208	196,208	125,958	322,167	322,167	148,197
Buchanan	502,494	502,494	421,779	924,272	924,272	508,350
Buckingham	179,439	179,439	106,937	286,375	286,375	117,414
Campbell	258,858	225,435	652,273	911,131	877,708	394,969
Caroline	219,310	194,529	230,138	449,447	424,667	271,787
Carroll	222,929	222,929	296,205	519,135	519,135	220,637
Charles City	59,360	59,360	83,793	143,153	143,153	184,668
Charlotte	128,277	128,277	105,505	233,782	233,782	116,891
Chesterfield	1,577,165	1,474,559	3,910,481	5,487,646	5,385,041	5,600,442
Clarke	180,684	128,083	233,319	414,002	361,402	252,981
Craig	52,363	52,363	40,758	93,121	93,121	51,216

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TABLE 19.11

Real Estate Values and Taxes for Virginia's Counties and Cities: Tax Year 1987, *CONTINUED*

	Fair Market Value of Land	Taxable Value of Land	Buildings & Improvements	Total Fair Market Value	Total Taxable Value	Total Local Levies
Culpeper	327,244	211,509	456,007	783,251	667,516	407,185
Cumberland	78,644	78,644	95,607	174,251	174,251	54,018
Dickenson	270,335	270,335	217,162	487,497	487,497	258,374
Dinwiddie	214,705	165,880	205,581	420,287	371,461	297,169
Essex	148,437	148,437	158,424	306,861	306,861	138,088
Fairfax	12,238,784	12,219,228	27,644,734	39,883,518	39,863,962	52,989,535
Fauquier	905,379	592,763	1,045,296	1,950,675	1,638,059	1,179,402
Floyd	120,196	120,196	129,204	249,399	249,399	162,110
Fluvanna	169,350	119,055	172,362	341,713	291,418	160,280
Franklin	349,560	305,658	561,079	910,638	866,736	433,368
Frederick	421,922	341,195	700,160	1,122,082	1,041,355	572,745
Giles	91,938	67,123	209,975	301,912	277,097	188,426
Gloucester	413,178	355,316	502,173	915,351	857,489	565,943
Goochland	218,920	205,345	195,668	414,588	401,013	288,729
Grayson	145,814	145,814	145,515	291,329	291,329	174,798
Greene	106,023	73,298	120,031	226,054	193,329	144,999
Greensville	102,383	102,383	110,780	213,162	213,162	95,923
Halifax	246,753	246,753	274,476	521,229	521,229	187,643
Hanover	592,948	454,664	986,415	1,579,363	1,441,079	1,004,126
Henrico	1,674,210	1,630,301	4,685,718	6,359,929	6,316,020	6,193,009
Henry	234,627	229,068	771,425	1,006,052	1,000,493	540,266
Highland	89,193	89,193	38,932	128,125	128,125	70,468
Isle of Wight	322,225	203,454	412,561	734,787	616,015	437,371
James City	635,556	591,623	908,018	1,543,574	1,499,641	944,774
King and Queen	117,763	82,586	165,688	283,451	248,274	218,481
King George	102,090	102,090	54,803	156,893	156,893	128,653
King William	152,268	104,022	167,992	320,260	272,014	186,760
Lancaster	195,227	195,227	273,234	468,461	468,461	182,700
Lee	151,938	151,938	240,382	392,320	392,320	215,776
Loudoun	3,000,927	1,958,896	2,429,321	5,430,248	4,388,216	3,861,630
Louisa	311,992	216,718	255,336	567,327	472,054	226,586
Lunenburg	136,266	136,266	117,230	253,495	253,495	144,492
Madison	188,024	110,911	167,058	355,082	277,969	197,358
Mathews	146,567	146,567	197,252	343,820	343,820	182,224
Mecklenburg	264,898	264,898	320,133	585,031	585,031	245,713
Middlesex	161,931	138,325	198,055	359,985	336,379	151,371
Montgomery	415,008	375,844	925,515	1,340,523	1,301,360	858,897
Nelson	258,824	212,144	303,889	562,713	516,033	319,940
New Kent	172,437	163,709	142,974	315,411	306,683	269,881
Northampton	137,578	137,578	129,857	267,434	267,434	204,793
Northumberland	200,330	200,330	214,564	414,894	414,894	228,189
Nottoway	122,421	116,601	153,278	275,699	269,879	118,747
Orange	254,885	199,187	349,791	604,676	548,977	329,386
Page	163,009	137,062	282,134	445,142	419,195	222,174
Patrick	148,674	148,674	209,488	358,161	358,161	171,917
Pittsylvania	382,961	322,145	757,994	1,140,955	1,080,138	378,048
Powhatan	155,932	119,640	192,470	348,402	312,110	237,203
Prince Edward	110,965	107,134	144,122	255,087	251,256	123,115
Prince George	190,735	136,773	271,597	462,325	408,363	318,523
Prince William	2,335,616	2,084,167	4,130,601	6,466,217	6,214,768	8,492,501
Pulaski	194,314	169,768	504,175	698,489	673,943	336,972
Rappahannock	147,880	99,250	118,785	266,664	218,035	150,444
Richmond	74,692	74,692	88,262	162,953	162,953	97,772
Roanoke	540,821	502,856	1,581,029	2,121,850	2,083,885	2,396,467
Rockbridge	192,160	145,066	260,296	452,456	405,362	222,949

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TABLE 19.11
Real Estate Values and Taxes for Virginia's Counties
and Cities: Tax Year 1987, *CONTINUED*

	Fair Market Value of Land	Taxable Value of Land	Buildings & Improvements	Total Fair Market Value	Total Taxable Value	Total Local Levies
Rockingham	507,169	389,702	947,922	1,455,091	1,337,623	829,326
Russell	257,568	205,129	275,302	532,870	480,431	293,063
Scott	142,291	142,291	197,149	339,440	339,440	196,875
Shenandoah	355,368	273,311	526,890	882,258	800,201	440,111
Smyth	171,073	138,180	387,126	558,199	525,306	262,653
Southampton	272,661	272,661	237,321	509,983	509,983	188,694
Spotsylvania	480,239	378,323	759,578	1,239,817	1,137,901	796,532
Stafford	420,165	326,920	839,901	1,260,066	1,166,821	1,400,186
Surry	154,509	154,509	74,510	229,019	229,019	100,768
Sussex	163,422	163,422	82,581	246,004	246,004	125,462
Tazewell	324,704	280,256	581,208	905,913	861,465	482,420
Warren	206,165	174,093	392,639	598,803	566,732	277,699
Washington	379,630	252,583	625,325	1,004,956	877,908	535,524
Westmoreland	171,632	146,539	231,776	403,408	378,315	272,387
Wise	314,601	314,601	487,851	802,452	802,452	312,956
Wythe	208,213	178,535	331,383	539,596	509,918	224,364
York	499,499	473,817	884,883	1,384,381	1,358,700	774,459
Cities						
Alexandria	2,352,422	2,352,422	5,144,142	7,496,564	7,496,564	10,045,395
Bedford	23,627	23,627	106,736	130,363	130,363	102,986
Bristol	73,084	73,084	313,867	386,952	386,952	417,908
Buena Vista	18,233	17,882	83,942	102,175	101,825	99,787
Charlottesville	216,835	216,835	875,368	1,092,202	1,092,202	1,234,189
Chesapeake	1,449,695	1,276,181	2,668,029	4,117,724	3,944,210	4,094,854
Clifton Forge	8,445	8,445	53,919	62,364	62,364	74,837
Colonial Heights	101,860	101,860	278,667	380,527	380,527	475,659
Covington	26,463	26,463	116,825	143,288	143,288	123,229
Danville	102,342	102,342	610,684	713,026	713,026	613,202
Emporia	19,558	19,558	83,886	103,444	103,444	77,584
Fairfax	342,963	342,963	825,397	1,168,360	1,168,360	1,261,828
Falls Church	297,595	297,595	400,559	698,154	698,154	684,191
Franklin	37,219	37,219	134,969	172,188	172,188	144,849
Fredericksburg	159,107	144,820	478,405	637,511	623,225	722,941
Galax	28,461	28,461	122,925	151,386	151,386	123,567
Hampton	648,680	642,555	2,534,173	3,182,853	3,176,729	3,621,470
Harrisonburg	238,212	212,951	592,774	830,986	805,725	580,122
Hopewell	95,498	95,498	341,142	436,640	436,640	558,899
Lexington	26,001	26,001	98,072	124,073	124,073	132,757
Lynchburg	245,736	238,971	1,182,880	1,428,616	1,421,851	1,592,474
Manassas	310,443	294,109	706,459	1,016,903	1,000,568	1,160,659
Manassas Park	46,880	46,880	106,244	153,124	153,124	258,780
Martinsville	74,524	74,524	308,911	383,436	383,436	291,411
Newport News	1,124,197	1,119,987	3,378,067	4,502,264	4,498,054	4,907,468
Norfolk	1,024,814	1,024,814	4,034,022	5,058,835	5,058,835	6,323,544
Norton	29,594	29,594	59,084	88,678	88,678	62,075
Petersburg	146,348	140,211	503,372	649,719	643,583	958,938
Poquoson	90,989	90,989	229,888	320,877	320,877	283,975
Portsmouth	495,967	495,656	1,582,169	2,078,136	2,077,826	2,534,709
Radford	42,167	41,792	186,858	229,025	228,650	171,487
Richmond	1,188,380	1,188,380	4,568,479	5,756,859	5,756,859	8,807,994
Roanoke	457,720	448,055	1,627,536	2,085,256	2,075,591	2,594,469
Salem	130,445	130,445	487,951	618,396	618,396	729,707
South Boston	25,149	25,149	101,766	126,916	126,916	126,916
Staunton	94,212	94,212	386,881	481,093	481,093	529,202
Suffolk	501,242	334,006	763,124	1,264,367	1,267,130	1,130,169
Virginia Beach	4,948,926	4,701,881	8,280,459	13,229,385	12,962,340	11,383,572

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TABLE 19.11
Real Estate Values and Taxes for Virginia's Counties
and Cities: Tax Year 1987, CONTINUED

	Fair Market Value of Land	Taxable Value of Land	Buildings & Improvements	Total Fair Market Value	Total Taxable Value	Total Local Levies
Waynesboro	111,155	106,979	368,057	479,212	475,036	460,785
Williamsburg	172,823	172,823	325,574	498,397	498,397	254,183
Winchester	167,591	167,591	508,803	676,394	676,394	541,115
MSAs						
Bristol (Va. portion)	595,005	467,958	1,136,342	1,731,347	1,604,300	1,150,307
Charlottesville	1,566,106	1,140,207	2,786,983	4,353,089	3,927,190	3,231,841
Danville	485,303	424,486	1,368,678	1,853,981	1,793,164	991,251
Lynchburg	659,024	605,698	2,143,559	2,802,583	2,749,258	2,270,875
Norfolk	12,005,564	11,279,647	26,090,581	38,096,145	37,370,227	36,819,119
Northern Virginia	25,618,379	24,195,763	49,602,502	75,220,881	73,798,265	90,870,615
Richmond	6,388,497	5,936,180	16,366,352	22,754,849	22,302,531	25,195,240
Roanoke	1,330,429	1,237,106	4,037,276	5,367,705	5,274,382	6,093,026
Planning Districts						
LENOWISCO	638,424	638,424	984,466	1,622,890	1,622,890	787,682
Cumberland Plateau	1,355,102	1,258,215	1,495,451	2,850,553	2,753,665	1,542,206
Mount Rogers	1,276,071	1,077,452	2,275,069	3,551,140	3,352,520	2,027,391
New River Valley	863,622	774,723	1,955,727	2,819,349	2,730,449	1,717,892
Fifth	1,495,597	1,392,056	4,438,765	5,934,362	5,830,821	6,517,521
Central Shenandoah	1,832,226	1,492,847	3,724,523	5,556,749	5,217,370	3,680,811
Lord Fairfax	1,494,738	1,221,335	2,643,944	4,138,682	3,865,279	2,306,824
Northern Virginia	25,198,214	23,868,842	48,762,601	73,960,815	72,631,443	89,470,429
Rappahannock-Rapidan	1,823,412	1,213,620	2,136,936	3,960,348	3,350,555	2,263,775
Thomas Jefferson	2,136,922	1,569,070	3,346,207	5,483,129	4,915,277	3,778,167
Central Virginia	1,193,600	1,036,721	2,990,397	4,183,996	4,027,117	3,078,088
West Piedmont	1,292,688	1,182,410	3,219,580	4,512,268	4,401,990	2,428,213
Southside	733,009	733,009	822,334	1,555,343	1,555,343	708,468
Piedmont	914,852	874,591	811,046	1,725,897	1,685,637	820,098
Richmond Regional	5,639,351	5,295,958	14,765,999	20,405,350	20,061,957	22,586,052
RADCO	1,380,910	1,146,682	2,362,825	3,743,735	3,509,507	3,320,097
Northern Neck	641,881	616,788	807,835	1,449,716	1,424,623	781,047
Middle Peninsula	1,140,144	975,253	1,389,584	2,529,728	2,364,837	1,442,866
Crater	1,189,018	1,080,094	1,952,110	3,141,128	3,032,203	3,008,926
Southeastern Virginia	9,052,749	8,345,872	18,112,654	27,165,404	26,458,526	26,237,760
Peninsula	3,171,742	3,091,793	8,260,604	11,432,347	11,352,398	10,786,329
Accomack-Norhampton	491,224	441,362	493,255	984,479	934,617	687,312

SOURCE: Commonwealth of Virginia, Department of Taxation. *Annual Report, Fiscal Year 1988*. Richmond, Virginia, annual.

NOTES: State total in millions of dollars. Other figures in thousands of dollars.
 "Taxable Value of Land" represents use-value of land under use-value assessment.
 "Total Taxable Value" represents use-value of land under use-value assessment and fair market value of all other taxable real estate.
 A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing the composition is on page 654.
 A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.



TABLE 19.12
Average Nominal Tax Rates on Local Property,
Virginia: Tax Years 1975-1987

Tax Year	Real Estate	Tangible Personal Property	Machinery & Tools	Merchants' Capital	Public Service Corporations
1987	\$1.02	\$3.50	\$2.43	\$1.61	\$.82
1986	1.01	3.62	2.40	1.42	.81
1985	1.01	3.64	2.39	1.52	.85
1984	1.02	3.63	2.41	1.36	.85
1983	1.02	3.72	2.37	1.36	.87
1982	1.03	3.72	2.33	1.37	.90
1981	1.07	3.71	2.51	1.48	.98
1980	1.12	3.86	2.65	1.54	1.08
1979	1.23	3.92	2.56	1.54	1.24
1978	1.40	3.97	2.86	1.63	1.54
1977	1.61	4.04	2.83	1.68	1.84
1976	3.04	4.19	2.79	1.62	3.27
1975	2.94	4.01	2.75	1.59	3.08

SOURCE: Commonwealth of Virginia, Department of Taxation. *Annual Report, Fiscal Year 1988*. Richmond, Virginia, annual.

NOTE: Per \$100 of assessed value.

TABLE 19.13
Average Nominal and Effective True Real Property Tax
Rates in Virginia's Counties and Cities: 1985 and 1986

	Median Assessment Ratio		Average Nominal Tax Rate		Average Effective True Tax Rate	
	1986	1985	1986	1985	1986	1985
Virginia	83.2%	86.1%	\$1.01	\$1.01	\$.84	\$.87
Counties						
Accomack	84.9	91.8	.64	.65	.54	.60
Albemarle	93.3	95.5	.77	.77	.72	.74
Alleghany	93.0	79.2	.68	.74	.63	.59
Amelia	87.3	88.1	.57	.52	.50	.46
Amherst	78.8	81.5	.63	.63	.50	.51
Appomattox	74.1	77.3	.63	.63	.47	.49
Arlington	85.5	93.3	.94	.95	.80	.89
Augusta	89.9	91.4	.58	.58	.52	.53
Bath	87.5	87.0	.39	.39	.34	.34
Bedford	80.2	84.1	.61	.61	.49	.51
Bland	93.3	83.3	.75	.65	.70	.54
Botetourt	77.8	82.8	.75	.75	.58	.62
Brunswick	85.2	84.5	.46	.46	.39	.39
Buchanan	99.2	99.3	.55	.55	.55	.55
Buckingham	87.0	85.4	.41	.34	.36	.29
Campbell	91.6	92.8	.45	.45	.41	.42
Caroline	72.6	75.9	.64	.50	.46	.38
Carroll	91.1	82.9	.43	.48	.39	.40
Charles City	75.8	71.1	1.15	1.15	.87	.82
Charlotte	82.3	85.1	.50	.40	.41	.34
Chesterfield	90.8	93.5	1.04	.98	.94	.92
Clarke	87.3	84.0	.70	.70	.61	.59
Craig	76.6	82.6	.55	.55	.42	.45

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TABLE 19.13

Average Nominal and Effective True Real Property Tax Rates in Virginia's Counties and Cities: 1985 and 1986, *CONTINUED*

	Median Assessment Ratio		Average Nominal Tax Rate		Average Effective True Tax Rate	
	1986	1985	1986	1985	1986	1985
Culpeper	84.7	86.0	.61	.61	.52	.52
Cumberland	79.2	83.5	.31	.31	.25	.26
Dickenson	80.0	69.8	.53	.50	.42	.35
Dinwiddie	87.5	80.4	.80	.81	.70	.65
Essex	88.4	88.3	.45	.45	.40	.40
Fairfax	80.7	85.7	1.36	1.40	1.10	1.20
Fauquier	80.8	84.9	.66	.63	.53	.53
Floyd	70.9	77.5	.65	.55	.46	.43
Fluvanna	92.9	91.2	.55	.55	.51	.50
Franklin	82.2	86.7	.50	.45	.41	.39
Frederick	80.0	85.2	.63	.58	.50	.49
Giles	81.4	89.3	.61	.61	.50	.54
Gloucester	89.6	74.5	.60	.60	.54	.45
Goochland	71.4	73.8	.72	.72	.51	.53
Grayson	85.1	88.6	.51	.48	.43	.43
Greene	88.6	87.9	.75	.75	.66	.66
Greensville	85.5	88.8	.45	.42	.38	.37
Halifax	88.9	87.1	.36	.36	.32	.31
Hanover	80.0	84.7	.67	.67	.54	.57
Henrico	84.4	85.5	.98	.98	.83	.84
Henry	83.0	88.1	.54	.54	.45	.48
Highland	86.8	92.3	.50	.42	.43	.39
Isle of Wight	79.6	80.3	.55	.51	.44	.41
James City	90.7	88.3	.69	.67	.63	.59
King and Queen	72.2	75.7	.88	.88	.64	.67
King George	68.5	71.8	.82	.79	.56	.57
King William	77.4	81.0	.62	.76	.48	.62
Lancaster	81.0	86.2	.39	.39	.32	.34
Lee	95.0	88.2	.55	.61	.52	.54
Loudoun	81.7	86.2	1.02	1.13	.83	.97
Louisa	90.9	77.5	.40	.40	.36	.31
Lunenburg	98.4	107.1	.57	.48	.56	.51
Madison	92.6	89.2	.71	.56	.66	.50
Mathews	75.3	77.6	.55	.55	.41	.43
Mecklenburg	82.7	56.9	.42	.50	.35	.28
Middlesex	83.3	87.0	.39	.39	.32	.34
Montgomery	77.3	83.3	.74	.69	.57	.57
Nelson	95.8	78.3	.59	.59	.57	.46
New Kent	88.1	91.0	.88	.75	.78	.68
Northampton	84.4	88.4	.77	.77	.65	.68
Northumberland	80.0	85.6	.50	.48	.40	.41
Nottoway	90.1	92.2	.44	.36	.40	.33
Orange	86.9	84.4	.60	.54	.52	.46
Page	91.2	89.3	.53	.53	.48	.47
Patrick	83.5	86.2	.43	.43	.36	.37
Pittsylvania	91.4	87.5	.35	.35	.32	.31
Powhatan	85.9	83.1	.76	.60	.65	.50
Prince Edward	77.2	80.8	.49	.49	.38	.40
Prince George	90.8	87.3	.78	.84	.71	.73
Prince William	89.1	92.6	1.49	1.49	1.33	1.38
Pulaski	89.4	73.5	.50	.54	.45	.40
Rappahannock	72.8	78.5	.58	.58	.42	.46
Richmond	74.9	80.1	.60	.60	.45	.48
Roanoke	87.6	92.2	1.15	1.15	1.01	1.06
Rockbridge	89.2	74.2	.50	.65	.45	.48

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TABLE 19.13
Average Nominal and Effective True Real Property Tax Rates in
Virginia's Counties and Cities: 1985 and 1986, *CONTINUED*

	Median Assessment Ratio		Average Nominal Tax Rate		Average Effective True Tax Rate	
	1986	1985	1986	1985	1986	1985
Rockingham	91.5	88.1	.51	.46	.47	.41
Russell	87.5	80.5	.65	.65	.57	.52
Scott	97.7	75.0	.58	.72	.57	.54
Shenandoah	86.3	87.3	.55	.55	.47	.48
Smyth	97.7	88.9	.50	.50	.49	.44
Southernhampton	92.4	87.4	.37	.37	.34	.32
Spotsylvania	78.6	82.0	.70	.70	.55	.57
Stafford	83.0	88.6	1.20	1.20	1.00	1.06
Surry	88.5	79.5	.40	.40	.35	.32
Sussex	77.7	77.0	.51	.46	.40	.35
Tazewell	92.3	90.9	.56	.56	.52	.51
Warren	80.5	85.7	.46	.46	.37	.39
Washington	91.7	93.0	.61	.61	.56	.57
Westmoreland	76.1	79.7	.72	.72	.55	.57
Wise	94.1	92.9	.29	.29	.27	.26
Wythe	92.1	94.1	.44	.44	.41	.41
York	94.9	75.8	.57	.68	.54	.52
Cities						
Alexandria	89.4	92.6	1.38	1.39	1.23	1.29
Bedford	91.3	94.4	.79	.66	.72	.62
Bristol	88.9	92.2	1.08	1.08	.96	1.00
Buena Vista	81.5	85.5	.91	.91	.74	.78
Charlottesville	96.2	95.5	1.13	1.13	1.09	1.08
Chesapeake	88.8	90.3	1.04	1.04	.92	.94
Clifton Forge	96.0	88.0	1.20	1.20	1.15	1.06
Colonial Heights	91.8	89.3	1.25	1.25	1.15	1.12
Covington	95.7	92.8	.59	.59	.56	.55
Danville	82.5	83.8	.76	.76	.63	.64
Emporia	90.9	98.3	.75	.72	.68	.71
Fairfax	85.5	90.4	1.12	1.13	.96	1.02
Falls Church	87.4	92.9	.98	.98	.86	.91
Franklin	87.1	91.1	.84	.82	.73	.75
Fredericksburg	93.8	84.3	1.02	1.25	.96	1.05
Galax	94.6	94.8	.82	.82	.78	.78
Hampton	80.5	85.6	1.17	1.19	.94	1.02
Harrisonburg	87.6	92.3	.72	.72	.63	.66
Hopewell	88.8	94.7	1.10	1.10	.98	1.04
Lexington	85.7	90.0	1.03	.99	.88	.89
Lynchburg	92.5	92.2	1.12	1.12	1.04	1.03
Manassas	92.3	92.7	1.14	1.16	1.05	1.08
Manassas Park	85.8	86.0	1.78	1.80	1.53	1.55
Martinsville	86.0	83.7	.76	.76	.65	.64
Newport News	89.2	86.7	1.15	1.18	1.03	1.02
Norfolk	80.7	82.5	1.25	1.25	1.01	1.03
Norton	95.0	100.2	.70	.70	.67	.70
Petersburg	88.8	95.0	1.55	1.55	1.38	1.47
Poquoson	89.2	82.2	.86	.85	.76	.70
Portsmouth	85.6	86.3	1.30	1.35	1.11	1.17
Radford	86.9	86.0	.75	.73	.65	.63
Richmond	88.9	92.0	1.47	1.47	1.31	1.35
Roanoke	81.4	86.3	1.29	1.30	1.05	1.12
Salem	82.3	84.4	1.25	1.25	1.03	1.06
South Boston	93.3	96.3	.98	.94	.91	.91

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TABLE 19.13
Average Nominal and Effective True Real Property Tax Rates in
Virginia's Counties and Cities: 1985 and 1986, *CONTINUED*

	Median Assessment Ratio		Average Nominal Tax Rate		Average Effective True Tax Rate	
	1986	1985	1986	1985	1986	1985
Staunton	91.3	94.3	1.10	1.10	1.00	1.04
Suffolk	84.9	85.0	.95	.95	.81	.81
Virginia Beach	88.4	87.5	.80	.80	.71	.70
Waynesboro	92.4	94.8	.97	.99	.90	.94
Williamsburg	88.2	88.9	.52	.56	.46	.50
Winchester	83.9	88.2	.95	.95	.80	.84

SOURCE: Commonwealth of Virginia, Department of Taxation, *1986 Virginia Assessments/Sales Ratio Study*, Richmond, Virginia, annual.

NOTE: Rates exclusive of Town taxes.

TABLE 19.14
Local Tax Rates in Virginia's Counties and Cities: Tax Years 1986 and 1987

	1987				1986			
	Real Estate	Tangible Personal Property	Machinery & Tools	Merchants' Capital	Real Estate	Tangible Personal Property	Machinery & Tools	Merchants' Capital
Counties								
Accomack	\$0.60	\$3.28	\$3.28	...	\$0.50	\$3.25	\$3.25	...
Albemarle	0.72	4.40	4.40	...	0.77	4.40	4.40	...
Alleghany	0.68	5.95	5.95	...	0.68	5.95	5.95	...
Amelia	0.67	3.15	1.40	...	0.57	2.60	1.60	...
Amherst	0.63	5.00	5.00	3.95	0.63	5.00	5.00	3.95
Appomattox	0.63	3.50	3.50	1.00	0.63	3.50	3.50	1.00
Arlington	0.92	4.40	4.40	...	0.94	4.50	4.50	...
Augusta	0.58	3.10	3.10	...	0.58	3.10	3.10	...
Bath	0.39	0.39	...	...	0.39	0.75	...	...
Bedford	0.61	4.60	4.60	2.20	0.61	4.40	4.40	2.20
Bland	0.75	0.73	0.73	0.73	0.75	7.30	7.30	7.30
Botetourt	0.75	6.00	6.00	...	0.75	6.00	6.00	5.20
Brunswick	0.46	3.25	4.00	1.20	0.46	4.60	4.00	1.20
Buchanan	0.55	1.95	1.95	2.00	0.55	1.95	1.95	2.00
Buckingham	0.41	2.90	2.90	1.00	0.41	2.90	2.90	1.00
Campbell	0.45	3.15	3.15	3.15	0.45	3.15	3.15	3.15
Caroline	0.64	4.00	3.35	3.35	0.64	4.00	3.35	3.35
Carroll	0.43	3.00	3.00	2.30	0.43	3.00	3.00	2.30
Charles City	1.29	4.56	3.00	2.80	1.15	3.78	1.71	2.80
Charlotte	0.50	4.20	4.20	3.20	0.50	4.20	4.20	3.20
Chesterfield	1.04	3.60	1.00	...	1.04	3.60	1.00	...
Clarke	0.70	4.00	1.00	...	0.70	4.00	1.00	...
Craig	0.55	5.50	3.50	3.50	0.55	5.50	3.50	3.50
Culpeper	0.61	5.00	5.00	2.50	0.61	5.00	5.00	2.50
Cumberland	0.31	5.20	5.20	0.40	0.31	5.20	...	0.40
Dickenson	0.53	21.90	21.90	10.50	0.53	23.80	23.80	10.50
Dinwiddie	0.80	4.90	3.30	...	0.80	5.00	3.30	...
Essex	0.45	3.50	3.50	3.75	0.45	3.50	3.50	3.75

CONTINUED ➡



TABLE 19.14
Local Tax Rates in Virginia's Counties and
Cities: Tax Years 1986 and 1987, *CONTINUED*

	1987				1986			
	Real Estate	Tangible Personal Property	Machinery & Tools	Merchants' Capital	Real Estate	Tangible Personal Property	Machinery & Tools	Merchants' Capital
Fairfax	1.32	4.57	3.75	...	1.35	4.80	3.75	...
Fauquier	0.72	3.45	3.45	0.01	0.66	3.45	3.45	0.01
Floyd	0.65	1.25	1.25	3.50	0.65	1.25	1.25	3.50
Fluvanna	0.55	3.70	2.00	1.55	0.55	3.70	2.00	1.55
Franklin	0.50	6.50	5.40	5.40	0.50	6.50	5.40	5.40
Frederick	0.55	4.25	4.25	4.00	0.63	4.35	4.35	4.00
Giles	0.68	7.00	7.00	4.80	0.61	7.00	7.00	4.80
Gloucester	0.66	3.25	3.25	...	0.60	3.25	3.25	...
Goochland	0.72	4.00	4.00	...	0.72	4.00	4.00	...
Grayson	0.60	6.70	6.70	6.70	0.51	6.70	6.70	6.70
Greene	0.75	16.50	0.75	...	0.75	16.50	0.75	...
Greensville	0.45	4.50	2.50	...	0.45	4.50	2.50	...
Halifax	0.36	5.95	3.90	...	0.36	5.95	3.90	...
Hanover	0.70	3.64	3.64	2.60	0.67	3.64	3.64	2.60
Henrico	0.98	3.50	1.00	...	0.98	3.60	1.50	...
Henry	0.54	6.99	6.99	...	0.54	6.99	6.99	...
Highland	0.55	4.00	4.00	4.00	0.50	4.00	4.00	4.00
Isle of Wight	0.71	4.50	0.91	...	0.52	4.50	0.84	...
James City	0.63	4.00	4.00	...	0.69	4.00	4.00	...
King and Queen	0.82	1.25	0.82	0.65	0.82	2.90	2.00	0.65
King George	0.88	2.90	2.00	...	0.88	1.25	0.82	...
King William	0.92	4.20	4.20	3.90	0.82	4.20	4.20	3.90
Lancaster	0.39	3.80	3.80	1.00	0.39	3.80	3.80	1.00
Lee	0.55	1.25	1.25	1.25	0.55	1.25	1.25	1.25
Loudoun	0.88	4.20	2.75	...	1.02	4.40	2.75	...
Louisa	0.48	3.40	1.70	0.65	0.40	3.40	1.70	0.65
Lunenburg	0.57	2.10	2.10	1.20	0.57	7.00	7.00	1.20
Madison	0.71	6.50	5.50	4.30	0.71	6.50	5.50	4.30
Mathews	0.53	3.25	3.25	...	0.55	3.45	3.25	...
Mecklenburg	0.42	4.25	3.25	1.45	0.42	4.25	3.25	1.45
Middlesex	0.45	3.00	3.00	1.25	0.39	3.00	3.00	1.25
Montgomery	0.66	7.57	7.57	6.90	0.74	7.57	7.57	6.90
Nelson	0.62	3.12	1.25	...	0.59	2.50	1.25	...
New Kent	0.88	3.00	3.00	...	0.88	3.00	3.00	...
Northampton	0.77	2.50	2.50	6.25	0.77	2.50	2.50	6.25
Northumberland	0.55	3.30	3.30	2.40	0.50	3.00	3.00	2.40
Nottoway	0.44	2.65	2.65	0.55	0.44	2.65	3.00	0.55
Orange	0.60	5.50	5.50	0.40	0.60	5.50	5.50	0.40
Page	0.53	1.50	1.25	1.50	0.53	1.50	1.25	1.50
Patrick	0.48	4.20	4.20	3.50	0.43	4.00	4.00	3.50
Pittsylvania	0.35	4.25	3.00	2.75	0.35	4.25	3.00	2.75
Powhatan	0.76	2.00	2.00	...	0.76	2.00	2.00	...
Prince Edward	0.49	4.90	3.25	0.70	0.49	4.90	3.25	0.70
Prince George	0.78	3.50	1.50	...	0.78	3.50	1.50	...
Prince William	1.30	3.75	1.00	...	1.42	3.95	1.00	...
Pulaski	0.50	4.80	4.80	4.80	0.50	4.80	4.80	4.80
Rappahannock	0.69	2.90	...	...	0.58	2.10	...	...
Richmond	0.60	3.50	3.50	3.50	0.60	3.50	3.50	3.50
Roanoke	1.15	3.50	3.00	...	1.15	3.50	3.00	...
Rockbridge	0.55	4.50	4.50	...	0.50	4.50	4.50	...
Rockingham	0.62	2.20	2.00	0.45	0.51	2.00	1.80	0.41
Russell	0.31	1.20	1.20	5.75	0.65	1.20	1.20	5.75
Scott	0.58	0.72	0.72	0.72	0.58	0.72	0.72	0.72
Shenandoah	0.55	1.84	1.84	0.60	0.55	1.84	1.84	0.60
Smyth	0.50	0.60	0.60	0.60	0.50	0.60	0.60	0.60

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TABLE 19.14
Local Tax Rates in Virginia's Counties and
Cities: Tax Years 1986 and 1987, *CONTINUED*

	1987				1986			
	Real Estate	Tangible Personal Property	Machinery & Tools	Merchants' Capital	Real Estate	Tangible Personal Property	Machinery & Tools	Merchants' Capital
Southampton	0.37	4.00	2.40	0.50	0.37	4.00	2.40	0.50
Spotsylvania	0.70	2.50	2.50	...	0.70	2.50	2.50	0.10
Stafford	1.20	4.99	0.75	0.50	1.20	4.99	0.75	0.50
Surry	0.44	3.50	3.50	1.50	0.40	3.50	3.50	1.50
Sussex	0.51	4.75	4.75	1.00	0.51	4.75	4.75	1.00
Tazewell	0.56	2.00	2.00	4.30	0.56	2.00	2.00	4.30
Warren	0.49	2.40	2.00	...	0.46	2.40	2.00	...
Washington	0.61	1.12	1.12	...	0.61	1.12	1.12	...
Westmoreland	0.72	1.75	1.50	0.66	0.72	1.50	1.50	0.88
Wise	0.39	6.58	6.58	2.85	0.29	4.60	4.60	2.85
Wythe	0.44	1.00	1.00	0.56	0.44	1.00	1.00	0.56
York	0.57	4.20	4.20	...	0.58	4.20	4.20	...
Cities								
Alexandria	1.34	4.90	4.50	...	1.38	4.90	4.50	...
Bedford	0.79	1.50	1.30	...	0.79	1.50	1.30	...
Bristol	1.08	5.00	5.00	...	1.08	5.00	5.00	...
Buena Vista	0.98	4.00	4.00	...	0.92	3.85	3.85	...
Charlottesville	1.13	4.34	4.34	...	1.13	4.39	4.39	...
Chesapeake	1.02	4.00	3.12	...	1.02	4.00	3.12	...
Clifton Forge	1.20	3.35	3.35	...	1.20	3.35	3.35	...
Colonial Heights	1.25	3.50	2.00	...	1.25	3.50	2.00	...
Covington	0.86	5.60	5.53	...	0.59	4.56	4.27	...
Danville	0.86	3.00	1.50	...	0.76	3.00	1.50	...
Emporia	0.75	5.00	5.00	...	0.75	5.00	5.00	...
Fairfax	1.08	2.99	2.99	...	1.12	2.99	2.99	...
Falls Church	0.98	4.99	4.99	...	0.98	5.50	5.50	...
Franklin	0.82	3.30	2.00	...	0.82	3.30	2.00	...
Fredericksburg	1.16	2.99	0.50	...	1.22	2.99	0.50	...
Galax	0.81	7.07	7.07	...	0.82	7.07	7.07	...
Hampton	1.14	4.65	2.00	...	1.15	4.75	2.00	...
Harrisonburg	0.72	1.50	1.50	...	0.72	1.50	1.50	...
Hopewell	1.28	4.40	3.58	...	1.10	4.40	3.40	...
Lexington	1.07	5.50	5.50	...	1.05	5.50	...	...
Lynchburg	1.12	3.00	3.00	...	1.12	3.00	3.00	...
Manassas	1.16	3.05	2.80	...	1.14	3.05	2.08	...
Manassas Park	1.69	3.50	1.00	...	1.78	3.50	1.00	...
Martinsville	0.76	2.25	1.85	...	0.76	2.25	1.85	...
Newport News	1.09	4.40	2.70	...	1.11	4.50	2.70	...
Norfolk	1.25	4.00	1.60	...	1.25	4.00	1.60	...
Norton	0.70	1.85	1.85	...	0.70	1.85	1.85	...
Petersburg	1.49	3.80	3.80	...	1.49	3.10	3.10	...
Poquoson	0.89	4.50	4.50	...	0.86	4.50	4.50	...
Portsmouth	1.22	4.35	1.75	...	1.30	4.35	1.75	...
Radford	0.75	2.80	2.80	...	0.75	2.80	2.80	...
Richmond	1.53	3.59	1.90	...	1.47	3.59	1.90	...
Roanoke	1.25	3.45	3.45	...	1.29	3.45	3.45	...
Salem	1.18	3.20	3.20	...	1.25	3.20	3.20	...
South Boston	1.00	3.00	2.75	...	0.98	2.75	2.75	...

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TABLE 19.14
Local Tax Rates in Virginia's Counties and
Cities: Tax Years 1986 and 1987, *CONTINUED*

	1987				1986			
	Real Estate	Tangible Personal Property	Machinery & Tools	Mer- chants' Capital	Real Estate	Tangible Personal Property	Machinery & Tools	Mer- chants' Capital
Staunton	1.10	5.00	5.00	...	1.10	5.00	5.00	...
Suffolk	1.00	6.30	6.30	...	0.92	6.30	6.30	...
Virginia Beach	0.88	3.80	1.00	...	0.80	6.00	1.00	...
Waynesboro	0.97	5.00	4.65	...	0.97	5.00	4.65	...
Williamsburg	0.51	3.50	3.50	...	0.52	3.50	3.50	...
Winchester	0.80	3.50	1.00	...	0.95	3.50	1.00	...

SOURCE: Commonwealth of Virginia, Department of Taxation. *Local Tax Rates Tax Year-1987*. Richmond, Virginia, annual.

NOTE: All rates are per \$100 of assessed value.

TABLE 19.15
Local Levies Assessed for Tangible Personal Property, Machinery
and Tools, Merchants' Capital and Public Service Corporations
for Virginia's Counties and Cities: Tax Year 1987

	Total Local Levies	Tangible Personal Property	Machinery & Tools	Merchants' Capital	Public Service Corporations
Virginia	\$680,023,776	\$594,735,922	\$79,493,869	\$5,793,985	\$123,369,102
Counties					
Accomack	3,075,033	2,434,802	640,231	...	472,651
Albemarle	8,258,719	7,372,601	886,118	...	884,282
Alleghany	2,731,644	895,832	1,835,812	...	239,046
Amelia	736,439	696,782	39,657	...	94,539
Amherst	1,561,082	1,209,617	231,629	119,837	252,229
Appomattox	701,626	562,648	111,470	27,508	219,286
Arlington	28,488,252	28,279,287	208,965	...	4,770,809
Augusta	2,927,310	2,369,178	558,132	...	631,294
Bath	69,398	68,618	780	...	5,488,884
Bedford	2,396,117	1,844,148	483,206	68,763	698,354
Bland	178,256	147,404	15,836	15,016	58,336
Botetourt	2,175,320	1,609,341	565,978	...	511,856
Brunswick	1,095,111	958,831	85,071	51,209	122,838
Buchanan	3,564,268	1,343,729	2,182,001	38,538	379,464
Buckingham	624,449	573,028	33,162	18,259	169,294
Campbell	4,456,703	2,933,787	1,134,069	388,848	513,218
Caroline	1,266,730	1,093,106	96,869	76,755	327,303
Carroll	1,077,457	925,793	79,371	72,294	155,779
Charles City	828,386	751,576	70,428	6,381	205,350
Charlotte	596,176	494,749	79,029	22,398	162,007
Chesterfield	23,156,476	20,895,797	2,260,678	...	6,421,191
Clarke	1,254,164	1,219,891	34,274	...	124,847
Craig	163,978	143,591	12,579	7,807	35,244
Culpeper	2,462,568	1,722,989	516,245	223,334	359,785
Cumberland	500,785	495,816	...	4,968	96,995
Dickenson	2,740,186	794,028	1,884,244	61,914	248,654

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TABLE 19.15

Local Levies Assessed for Tangible Personal Property, Machinery and Tools, Merchants' Capital and Public Service Corporations for Virginia's Counties and Cities: Tax Year 1987, *CONTINUED*

	Total Local Levies	Tangible Personal Property	Machinery & Tools	Merchants' Capital	Public Service Corporations
Dinwiddie	1,913,205	1,840,090	73,115	...	444,111
Essex	893,483	778,826	27,904	86,753	57,395
Fairfax	143,015,274	139,599,794	3,415,480	...	14,743,249
Fauquier	5,830,854	5,501,987	326,059	2,808	730,513
Floyd	347,991	311,428	14,354	22,209	117,400
Fluvanna	869,600	840,404	13,976	15,221	570,919
Franklin	1,576,548	1,303,790	101,158	171,600	277,942
Frederick	5,681,540	4,113,291	1,313,630	254,619	547,562
Giles	1,907,452	978,132	814,062	115,258	599,765
Gloucester	1,929,815	1,912,179	17,636	...	220,978
Goochland	1,607,857	1,487,521	120,336	...	209,668
Grayson	334,322	222,650	90,167	21,506	97,078
Greene	602,608	579,908	22,701	...	85,898
Greensville	1,264,073	952,868	311,205	...	91,590
Halifax	1,785,392	1,169,813	615,579	...	202,970
Hanover	8,656,497	7,803,480	477,919	375,097	777,755
Henrico	27,997,536	26,708,128	1,289,408	...	3,329,188
Henry	4,007,704	1,680,524	2,327,180	...	380,547
Highland	112,281	103,934	2,362	5,985	64,143
Isle of Wight	5,320,859	2,799,142	2,521,717	...	379,608
James City	6,473,220	3,749,913	2,723,307	...	378,207
King and Queen	976,828	948,501	28,327	...	146,559
King George	318,736	289,922	23,907	4,906	66,503
King William	1,147,494	821,798	304,405	21,291	184,089
Lancaster	901,405	817,118	3,055	81,232	79,448
Lee	816,440	552,098	246,916	17,426	281,035
Loudoun	11,239,370	10,899,462	339,908	...	1,473,825
Louisa	645,886	573,624	49,356	22,906	7,127,454
Lunenburg	674,545	548,219	102,303	24,024	116,680
Madison	625,228	567,094	10,198	47,936	117,946
Mathews	651,700	651,700	...	...	58,260
Mecklenburg	1,580,236	1,106,095	301,646	172,495	242,857
Middlesex	812,251	784,847	6,837	20,567	74,270
Montgomery	3,098,048	2,221,863	331,219	544,965	630,922
Nelson	785,169	761,262	23,907	...	254,785
New Kent	935,314	898,405	36,909	...	224,938
Northampton	837,531	715,557	70,894	51,080	195,135
Northumberland	628,626	585,745	23,062	19,820	83,419
Nottoway	918,692	787,739	65,263	65,690	161,068
Orange	2,139,619	1,707,400	377,622	54,597	379,416
Page	801,674	671,076	85,053	45,545	136,443
Patrick	991,797	741,052	161,734	89,011	94,829
Pittsylvania	2,837,279	1,873,973	768,418	194,888	487,661
Powhatan	611,472	565,446	46,026	...	207,176
Prince Edward	731,906	583,376	51,474	97,057	207,810
Prince George	1,743,724	1,724,421	19,302	...	242,799
Prince William	19,973,858	19,941,893	31,964	...	6,731,880
Pulaski	2,055,555	1,199,266	656,874	199,415	255,157
Rappahannock	446,191	446,191	...	...	77,508
Richmond	683,395	603,781	33,673	45,941	118,101
Roanoke	8,697,897	7,807,810	890,087	...	1,063,933
Rockbridge	1,601,968	1,399,458	202,510	...	275,666
Rockingham	4,467,145	3,296,627	1,045,896	124,622	507,696
Russell	1,157,412	844,193	260,272	52,947	960,994
Scott	461,460	267,761	141,344	52,354	194,326
Shenandoah	2,554,896	1,700,245	757,151	97,501	292,140

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TABLE 19.15

Local Levies Assessed for Tangible Personal Property, Machinery and Tools, Merchants' Capital and Public Service Corporations for Virginia's Counties and Cities: Tax Year 1987, *CONTINUED*

	Total Local Levies	Tangible Personal Property	Machinery & Tools	Merchants' Capital	Public Service Corporations
Smyth	849,772	507,779	248,478	93,516	284,746
Southampton	2,034,260	1,819,828	193,816	20,616	110,852
Spotsylvania	3,008,943	2,691,254	317,689	...	492,844
Stafford	4,229,000	4,041,129	96,116	91,755	849,908
Surry	1,305,918	1,294,900	5,971	5,047	3,873,681
Sussex	1,262,227	953,373	254,474	54,380	136,734
Tazewell	3,684,497	2,616,763	663,331	404,403	312,108
Warren	1,911,783	1,569,774	342,009	...	159,810
Washington	2,118,865	1,380,585	738,280	...	289,485
Westmoreland	1,013,863	942,810	33,407	37,647	147,618
Wise	4,571,123	1,658,915	2,375,702	536,507	339,230
Wythe	1,184,334	869,215	188,108	127,011	261,617
York	4,366,816	3,771,653	595,163	...	1,923,525
Cities					
Alexandria	17,611,911	17,319,690	292,222	...	4,725,941
Bedford	558,139	269,862	288,277	...	77,246
Bristol	1,111,334	723,722	387,612	...	96,333
Buena Vista	540,461	429,408	111,053	...	78,046
Charlottesville	3,230,444	3,033,064	197,380	...	898,653
Chesapeake	13,106,943	12,462,263	644,680	...	4,591,833
Clifton Forge	272,656	271,505	1,151	...	120,936
Colonial Heights	1,630,512	1,459,928	170,585	...	211,823
Covington	1,451,451	553,878	897,573	...	125,291
Danville	3,612,238	3,158,876	453,362	...	320,000
Emporia	600,802	508,109	92,693	...	90,692
Fairfax	3,214,119	3,166,198	47,921	...	707,219
Falls Church	2,038,711	1,802,712	236,000	...	126,599
Franklin	617,356	590,266	27,090	...	50,249
Fredericksburg	1,939,362	1,847,835	91,527	...	436,553
Galax	606,196	271,480	334,716	...	79,779
Hampton	13,636,689	13,270,962	365,727	...	1,604,308
Harrisonburg	1,967,120	1,542,875	424,245	...	169,797
Hopewell	4,778,469	1,375,385	3,403,084	...	495,519
Lexington	571,509	571,509	...	...	94,109
Lynchburg	6,222,501	4,175,557	2,046,944	...	1,194,306
Manassas	5,817,736	2,590,326	3,227,409	...	410,685
Manassas Park	615,125	601,733	13,392	...	53,877
Martinsville	1,412,983	759,814	653,169	...	137,578
Newport News	20,434,388	16,207,513	4,226,875	...	1,993,447
Norfolk	23,596,003	22,446,617	1,149,386	...	4,612,522
Norton	230,728	218,731	11,997	...	159,209
Petersburg	2,930,625	2,316,431	614,194	...	1,059,803
Poquoson	1,099,771	1,099,771	...	...	49,568
Portsmouth	10,744,529	10,264,456	480,073	...	1,241,949
Radford	756,537	542,457	214,080	...	93,835
Richmond	34,693,262	27,095,237	7,598,025	...	8,352,503
Roanoke	10,495,998	7,483,566	3,012,432	...	2,430,401
Salem	3,889,922	2,873,406	1,016,516	...	286,031
South Boston	513,029	472,784	40,245	...	122,280
Staunton	1,600,383	1,543,008	57,376	...	425,187
Suffolk	4,912,264	4,345,650	566,614	...	929,376
Virginia Beach	39,629,488	39,463,376	166,112	...	3,269,177
Waynesboro	2,757,972	1,604,790	1,153,182	...	237,094
Williamsburg	1,057,035	1,055,715	1,320	...	115,055
Winchester	3,210,177	2,647,692	562,485	...	209,388

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TABLE 19.15

Local Levies Assessed for Tangible Personal Property, Machinery and Tools, Merchants' Capital and Public Service Corporations for Virginia's Counties and Cities: Tax Year 1987, *CONTINUED*

	Total Local Levies	Tangible Personal Property	Machinery & Tools	Merchants' Capital	Public Service Corporations
MSAs					
Bristol (Va. portion)	3,691,659	2,372,068	1,267,236	52,354	580,144
Charlottesville	12,961,372	11,825,976	1,120,175	15,221	2,439,753
Danville	6,449,517	5,032,849	1,221,780	194,888	807,661
Lynchburg	12,240,286	8,318,961	3,412,641	508,685	1,959,753
Norfolk	140,986,962	130,050,069	10,936,893	...	20,929,944
Northern Virginia	236,243,356	228,242,223	7,909,377	91,755	34,593,991
Richmond	111,483,334	94,921,846	16,180,010	381,479	22,181,823
Roanoke	25,259,137	19,774,124	5,485,014	...	4,292,220
Planning Districts					
LENOWISCO	6,079,752	2,697,505	2,775,959	606,288	973,800
Cumberland Plateau	11,146,363	5,598,713	4,989,848	557,802	1,901,221
Mount Rogers	7,460,538	5,048,627	2,082,568	329,343	1,323,153
New River Valley	8,165,584	5,253,147	2,030,590	881,847	1,697,080
Fifth	29,878,866	21,638,930	8,232,128	7,807	4,812,737
Central Shenandoah	16,615,548	12,929,404	3,555,537	130,607	7,971,916
Lord Fairfax	15,414,235	11,921,969	3,094,602	397,664	1,470,191
Northern Virginia	232,014,355	224,201,095	7,813,261	...	33,744,083
Rappahannock-Rapidan	11,504,460	9,945,661	1,230,124	328,676	1,665,167
Thomas Jefferson	14,392,427	13,160,862	1,193,437	38,127	9,821,991
Central Virginia	15,896,168	10,995,618	4,295,595	604,955	2,954,639
West Piedmont	14,438,549	9,518,030	4,465,021	455,499	1,698,557
Southside	4,973,767	3,707,523	1,042,541	232,704	690,946
Piedmont	4,782,992	4,179,708	370,887	232,397	1,008,393
Richmond Regional	98,486,799	86,205,591	11,899,730	381,479	19,727,769
RADCO	10,762,771	9,963,246	626,108	173,417	2,173,112
Northern Neck	3,227,290	2,949,453	93,197	184,640	428,585
Middle Peninsula	6,411,571	5,897,850	385,110	128,611	741,551
Crater	17,429,555	12,425,504	4,944,623	59,427	6,646,751
Southeastern Virginia	99,961,704	94,191,600	5,749,488	20,616	15,185,565
Peninsula	47,067,919	39,155,527	7,912,392	...	6,064,109
Accomack-Norhampton	3,912,564	3,150,359	711,125	51,080	667,786

SOURCE: Commonwealth of Virginia, Virginia Department of Taxation. *Annual Report, Fiscal Year 1988*. Richmond, Virginia, annual.

NOTES: A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing the composition is on page 654.
A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 19.16

Taxable Sales in Virginia's Counties and Cities: 1983-1987

	1987	1986	1985	1984	1983
Virginia	\$36,802,029	\$32,877,171	\$31,214,141	\$28,479,560	\$24,446,325
Counties					
Accomack	138,889	124,679	116,150	111,549	96,316
Albemarle	371,448	327,369	289,566	280,060	246,428
Alleghany	36,559	40,858	41,979	32,562	27,846

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TABLE 19.16
Taxable Sales in Virginia's Counties and Cities: 1983-1987, *CONTINUED*

	1987	1986	1985	1984	1983
Amelia	20,342	17,545	17,271	16,703	15,222
Amherst	108,153	98,041	93,174	91,114	79,953
Appomattox	38,356	35,588	34,703	32,693	29,340
Arlington	1,215,495	1,065,362	1,082,144	1,007,186	901,991
Augusta	194,509	171,535	166,663	161,993	132,768
Bath	44,002	41,570	45,309	39,500	42,942
Bedford	62,226	60,431	62,094	60,004	47,847
Bland	6,892	5,649	5,316	4,917	4,499
Botetourt	63,531	59,484	54,986	48,845	42,639
Brunswick	37,712	36,138	34,364	32,907	29,785
Buchanan	116,835	109,394	106,964	111,386	96,058
Buckingham	23,767	20,394	20,811	18,888	17,482
Campbell	181,556	141,336	136,753	131,031	117,688
Caroline	40,019	38,992	36,218	35,691	34,399
Carroll	51,880	50,251	50,748	47,835	40,659
Charles City	5,982	4,042	3,531	3,635	2,954
Charlotte	25,356	24,224	22,724	21,269	19,693
Chesterfield	1,161,866	955,219	879,257	799,383	685,177
Clarke	24,729	21,786	23,706	23,748	19,703
Craig	5,373	5,556	5,503	5,241	4,814
Culpeper	147,797	128,210	117,805	106,048	92,783
Cumberland	14,502	12,680	12,223	11,286	9,871
Dickenson	41,320	43,632	44,951	44,624	42,267
Dinwiddie	35,990	34,629	33,472	35,189	30,646
Essex	66,578	58,452	55,445	54,993	50,878
Fairfax	5,411,745	4,787,275	4,336,405	3,800,640	3,204,650
Fauquier	232,368	196,837	167,557	150,998	125,162
Floyd	20,827	19,694	19,108	19,057	16,838
Fluvanna	16,477	15,273	15,978	14,772	14,462
Franklin	125,609	107,746	97,925	95,418	81,629
Frederick	195,393	159,859	154,842	137,567	113,779
Giles	65,115	60,991	61,111	59,579	53,958
Gloucester	109,760	98,821	97,490	89,751	77,094
Goochland	37,882	29,225	30,313	29,578	22,599
Grayson	18,270	22,366	20,059	18,852	18,195
Greene	17,246	14,657	14,196	12,170	10,937
Greensville	28,965	25,629	30,154	24,542	16,398
Halifax	79,576	73,695	63,899	58,245	48,489
Hanover	418,364	380,085	326,719	281,968	237,656
Henrico	2,107,380	1,865,581	1,802,725	1,568,510	1,280,716
Henry	227,811	202,502	185,965	170,183	134,176
Highland	4,158	4,210	4,860	5,116	4,783
Isle of Wight	86,610	78,554	71,368	71,349	61,427
James City	270,082	255,423	225,370	226,128	186,914
King and Queen	29,251	5,265	3,947	4,030	3,663
King George	5,136	25,068	20,890	19,153	17,211
King William	36,374	30,564	29,125	29,433	26,156
Lancaster	66,468	58,797	56,184	53,302	49,447
Lee	52,834	53,401	52,866	54,222	53,106
Loudoun	646,627	531,069	451,907	396,512	329,175
Louisa	47,715	42,781	41,423	38,198	36,208
Lunenburg	25,043	25,636	24,931	24,767	24,522
Madison	31,628	30,478	28,781	27,184	25,077
Mathews	20,688	19,286	18,841	16,039	15,829
Mecklenburg	140,440	146,569	123,662	121,257	105,862
Middlesex	29,812	27,419	26,100	22,876	21,517
Montgomery	333,116	291,657	272,697	255,496	221,497
Nelson	35,051	31,259	28,223	26,900	22,628
New Kent	20,535	19,396	18,492	17,124	14,939
Northampton	65,971	61,110	57,541	51,752	52,096

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TABLE 19.16
Taxable Sales in Virginia's Counties and Cities: 1983–1987, *CONTINUED*

	1987	1986	1985	1984	1983
Northumberland	26,179	22,682	21,792	20,020	18,408
Nottoway	59,654	52,298	50,101	45,848	44,911
Orange	76,235	69,218	66,041	60,288	54,919
Page	78,899	66,039	63,752	62,277	51,410
Patrick	34,511	30,476	28,987	26,808	25,106
Pittsylvania	113,347	98,330	94,773	92,242	80,349
Powhatan	29,220	24,272	18,339	15,360	12,915
Prince Edward	103,708	92,243	84,376	77,834	69,164
Prince George	44,509	34,737	36,972	36,611	28,595
Prince William	1,335,535	1,002,112	789,106	638,381	539,299
Pulaski	152,200	132,712	140,712	135,517	113,706
Rappahannock	12,578	11,409	9,402	8,794	8,293
Richmond	41,017	50,088	56,980	54,894	35,798
Roanoke	417,699	367,080	362,186	371,166	292,584
Rockbridge	72,194	62,080	52,844	52,320	46,041
Rockingham	142,002	144,236	125,042	115,259	116,470
Russell	74,299	75,074	76,175	71,992	66,698
Scott	69,950	68,191	70,927	63,007	54,074
Shenandoah	132,659	119,655	109,048	97,635	88,839
Smyth	122,915	119,657	111,820	104,106	96,473
Southampton	24,174	23,447	22,335	21,242	21,229
Spotsylvania	367,580	301,186	245,998	222,297	211,177
Stafford	160,734	142,192	128,725	109,824	93,954
Surry	10,821	10,352	9,444	8,382	7,798
Sussex	30,853	28,507	28,278	27,023	25,817
Tazewell	220,282	217,252	205,936	207,572	190,025
Warren	125,037	111,558	94,477	85,939	76,831
Washington	161,272	139,533	141,035	130,911	111,095
Westmoreland	40,612	37,835	36,714	35,340	32,153
Wise	173,980	171,328	179,829	172,229	152,262
Wythe	123,041	112,166	107,960	104,588	90,566
York	232,759	190,060	144,978	138,859	119,246
Cities					
Alexandria	1,050,110	912,844	847,554	768,881	669,504
Bedford	58,872	46,717	43,071	39,183	37,561
Bristol	196,508	196,037	186,387	177,217	160,096
Buena Vista	26,146	24,394	24,005	25,158	20,609
Charlottesville	437,488	399,262	390,645	379,936	324,857
Chesapeake	697,353	633,580	571,860	495,139	414,111
Clifton Forge	20,870	21,826	19,250	21,519	19,201
Colonial Heights	89,918	85,561	85,280	89,871	67,928
Covington	64,056	60,389	69,611	62,099	53,756
Danville	356,231	337,429	320,030	317,469	281,469
Emporia	47,539	46,511	47,125	45,207	43,030
Fairfax	464,493	418,293	405,611	368,816	315,890
Falls Church	237,621	216,050	237,001	228,924	172,352
Franklin	62,474	49,360	57,535	54,309	38,808
Fredericksburg	249,644	220,204	210,528	202,962	142,194
Galax	96,455	77,935	76,063	78,166	68,490
Hampton	903,512	822,140	831,119	736,926	656,931
Harrisonburg	407,738	343,007	305,592	279,280	241,101
Hopewell	111,949	103,464	108,654	103,898	90,803
Lexington	34,911	36,601	41,308	37,157	33,353
Lynchburg	615,867	568,848	539,191	509,524	448,592
Manassas	235,687	228,650	212,055	188,674	168,714
Manassas Park	33,495	19,973	11,105	10,821	10,049
Martinsville	156,916	151,002	156,080	152,204	149,768
Newport News	793,586	698,470	648,919	591,626	539,138
Norfolk	1,914,409	1,843,186	1,767,292	1,596,684	1,417,093
Norton	48,226	45,925	44,684	51,289	47,567

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TABLE 19.16
Taxable Sales in Virginia's Counties and Cities: 1983-1987, *CONTINUED*

	1987	1986	1985	1984	1983
Petersburg	338,355	314,213	313,544	281,671	251,993
Poquoson	19,797	17,881	20,003	16,696	15,473
Portsmouth	491,634	457,157	448,542	415,533	373,776
Radford	43,775	54,768	46,413	42,340	37,560
Richmond	1,772,389	1,614,990	1,847,272	1,740,835	1,404,660
Roanoke	1,029,877	969,862	928,488	858,328	734,713
Salem	249,354	212,285	205,222	204,255	174,770
South Boston	55,196	48,474	55,781	58,571	54,192
Staunton	165,553	147,839	154,520	139,288	124,197
Suffolk	200,132	191,050	182,531	165,563	141,671
Virginia Beach	2,146,526	1,935,133	1,839,499	1,577,379	1,347,209
Waynesboro	145,002	128,512	98,716	103,088	97,055
Williamsburg	248,853	229,981	250,705	227,721	184,591
Winchester	329,069	288,139	274,778	257,889	203,848
MSAs					
Bristol (Va. portion)	427,730	403,761	398,349	371,135	325,265
Charlottesville	842,659	756,561	710,385	686,938	596,684
Danville	469,579	435,759	414,803	409,711	361,818
Lynchburg	905,576	808,225	769,118	731,669	646,233
Norfolk	8,028,402	7,372,882	7,028,308	6,278,005	5,473,247
Northern Virginia	10,799,542	9,323,820	8,501,613	7,518,659	6,405,578
Richmond	6,174,340	5,465,414	5,504,570	5,003,633	4,131,581
Roanoke	1,760,461	1,608,711	1,550,882	1,482,594	1,244,706
Planning Districts					
LENOWISCO	344,990	338,845	348,306	340,747	307,009
Cumberland Plateau	452,735	445,352	434,026	435,574	395,048
Mount Rogers	777,232	723,594	699,388	666,592	590,073
New River Valley	615,033	559,822	540,041	511,989	443,559
Fifth	1,887,319	1,737,340	1,687,225	1,604,015	1,350,323
Central Shenandoah	1,236,214	1,103,984	1,018,859	958,159	859,319
Lord Fairfax	885,785	767,036	720,603	665,055	554,410
Northern Virginia	10,630,808	9,181,628	8,372,888	7,408,835	6,311,624
Rappahannock-Rapidan	500,607	436,152	389,586	353,312	306,234
Thomas Jefferson	925,425	830,601	780,031	752,036	655,520
Central Virginia	1,065,030	950,961	908,986	863,549	760,981
West Piedmont	1,014,426	927,485	883,760	854,324	752,497
Southside	312,923	304,876	277,706	270,980	238,328
Piedmont	272,372	245,020	232,437	216,595	200,865
Richmond Regional	5,553,619	4,892,810	4,926,648	4,456,393	3,661,616
RADCO	825,112	727,642	642,359	589,927	498,935
Northern Neck	174,277	169,402	171,670	163,556	135,806
Middle Peninsula	292,463	239,807	230,948	217,122	195,137
Crater	738,900	683,603	692,923	652,394	563,008
Southeastern Virginia	5,623,312	5,211,467	4,960,962	4,397,198	3,815,324
Peninsula	2,468,589	2,213,955	2,121,094	1,937,956	1,702,293
Accomack-Northampton	204,860	185,789	173,691	163,301	148,412

SOURCES: Knapp, John L. and Harold L. York. *Virginia Trends Number 2. Taxable Sales, 1987.* Center for Public Service, University of Virginia. Charlottesville, Virginia, annual; Center for Public Service. *Taxable Sales in Virginia, 1986.* University of Virginia. Charlottesville, Virginia; Lindsey, Donald W. *Taxable Sales in Virginia.* Tayloe Murphy Institute, University of Virginia. Charlottesville, Virginia.

NOTES: In thousands of dollars.
A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 19.17

Sales Tax Distribution for Virginia's Counties and Cities: Fiscal Years 1986-87 and 1987-88

	1987-88			1986-87		
	Share of State Tax	Local 1%	Total	Share of State Tax	Local 1%	Total
Virginia	\$397,174	\$405,023	\$802,197	\$371,286	\$377,735	\$749,022
Counties						
Accomack	1,729,680	1,535,469	3,265,148	1,730,515	1,363,797	3,094,312
Albemarle	3,603,635	3,987,052	7,590,687	2,976,931	3,687,587	6,664,518
Alleghany	996,309	359,303	1,355,611	964,949	433,585	1,398,534
Amelia	687,657	217,938	905,595	635,240	200,724	835,964
Amherst	1,768,910	1,121,420	2,890,330	1,663,955	1,142,619	2,806,575
Appomattox	911,365	425,164	1,336,529	876,909	391,576	1,268,485
Arlington	6,751,749	13,805,726	20,557,475	6,322,977	13,099,750	19,422,727
Augusta	3,347,830	2,129,387	5,477,217	3,147,724	1,928,154	5,075,878
Bath	335,237	492,066	827,303	321,448	490,637	812,084
Bedford	2,799,909	709,956	3,509,865	2,670,533	659,005	3,329,538
Bland	415,318	95,708	511,026	407,843	67,242	475,086
Botetourt	1,652,841	701,482	2,354,323	1,538,329	660,975	2,199,304
Brunswick	1,158,091	446,368	1,604,459	1,124,254	414,288	1,538,542
Buchanan	3,075,815	1,329,903	4,405,717	2,956,815	1,206,817	4,163,632
Buckingham	879,267	262,393	1,141,661	792,873	222,636	1,015,509
Campbell	3,511,882	2,014,280	5,526,162	3,699,387	1,635,049	5,334,437
Caroline	1,486,844	457,496	1,944,339	1,366,141	427,560	1,793,701
Carroll	1,827,592	587,875	2,415,467	1,691,031	580,868	2,271,899
Charles City	396,838	72,100	468,938	371,596	47,520	419,117
Charlotte	968,102	285,014	1,253,116	923,765	274,588	1,198,353
Chesterfield	14,861,953	12,569,324	27,431,277	13,045,119	11,056,763	24,101,881
Clarke	705,165	318,723	1,023,887	645,116	255,166	900,282
Craig	290,495	66,653	357,148	266,641	61,291	327,931
Culpeper	1,602,264	1,687,526	3,289,790	1,544,362	1,517,483	3,061,845
Cumberland	623,139	155,581	778,720	620,006	142,724	762,730
Dickenson	1,576,002	448,365	2,024,367	1,478,602	463,629	1,942,231
Dinwiddie	1,316,632	400,321	1,716,952	1,252,994	400,585	1,653,579
Essex	640,646	724,223	1,364,869	596,917	657,954	1,254,871
Fairfax	51,048,085	61,915,236	112,963,321	46,793,346	56,800,007	103,593,352
Fauquier	3,050,850	2,901,460	5,952,310	2,804,445	2,280,427	5,084,872
Floyd	794,323	225,484	1,019,807	739,746	214,205	953,951
Fluvanna	729,805	188,634	918,439	627,265	171,355	798,620
Franklin	2,307,753	1,379,637	3,687,390	2,213,003	1,244,008	3,457,011
Frederick	2,847,568	2,243,591	5,091,159	2,681,585	1,829,082	4,510,667
Giles	1,195,700	709,424	1,905,124	1,167,079	675,208	1,842,288
Gloucester	2,005,910	1,118,493	3,124,403	1,740,639	1,097,050	2,837,689
Goochland	698,356	416,674	1,115,030	692,771	339,801	1,032,571
Grayson	1,044,292	211,016	1,255,309	1,001,623	243,967	1,245,590
Greene	758,011	192,388	950,399	693,773	165,916	859,689
Greensville	799,511	281,416	1,080,927	775,254	298,290	1,073,544
Halifax	2,352,170	873,456	3,225,626	2,167,117	839,553	3,006,670
Hanover	4,172,305	4,765,040	8,937,345	3,889,919	4,318,941	8,208,861
Henrico	12,710,796	22,303,692	35,014,488	11,920,441	20,828,986	32,749,428
Henry	4,016,683	2,465,092	6,481,775	3,866,666	2,285,530	6,152,196
Highland	142,330	56,581	198,911	139,991	48,561	188,551
Isle of Wight	1,692,395	963,769	2,656,164	1,591,941	903,218	2,495,160
James City	1,904,755	2,899,609	4,804,364	1,690,671	2,769,210	4,459,881
King and Queen	911,365	319,759	1,231,124	467,158	57,514	524,672
King George	443,848	88,447	532,296	795,995	313,440	1,109,434
King William	687,333	413,382	1,100,714	665,508	344,732	1,010,240
Lancaster	547,921	704,018	1,251,939	505,287	656,846	1,162,133
Lee	2,312,940	588,682	2,901,622	2,082,037	594,370	2,676,407

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TABLE 19.17
Sales Tax Distribution for Virginia's Counties and Cities:
Fiscal Years 1986-87 and 1987-88, *CONTINUED*

	1987-88			1986-87		
	Share of State Tax	Local 1%	Total	Share of State Tax	Local 1%	Total
Loudoun	4,987,378	7,365,849	12,353,228	4,613,466	6,209,058	10,822,525
Louisa	1,458,313	509,691	1,968,004	1,376,802	484,423	1,861,226
Lunenburg	819,612	273,990	1,093,602	790,822	269,108	1,059,930
Madison	751,851	347,196	1,099,048	715,505	327,196	1,042,700
Mathews	502,207	222,857	725,064	469,510	206,130	675,640
Mecklenburg	1,994,887	1,547,062	3,541,948	1,904,724	1,597,350	3,502,073
Middlesex	453,251	312,481	765,731	434,336	300,526	734,862
Montgomery	3,606,228	3,671,195	7,277,423	3,359,174	3,262,597	6,621,771
Nelson	815,397	381,345	1,196,742	784,082	361,029	1,145,112
New Kent	843,280	231,497	1,074,777	787,956	220,424	1,008,380
Northampton	1,173,005	661,167	1,834,172	1,088,580	692,152	1,780,732
Northumberland	537,222	281,188	818,410	515,634	249,386	765,020
Nottoway	1,050,452	641,809	1,692,261	980,790	582,440	1,563,230
Orange	1,411,302	849,501	2,260,803	1,286,035	775,263	2,061,298
Page	1,319,225	849,273	2,168,498	1,262,881	755,924	2,018,806
Patrick	1,166,845	374,532	1,541,376	1,115,407	354,586	1,469,993
Pittsylvania	4,743,245	1,124,470	5,867,715	4,391,292	1,194,680	5,585,972
Powhatan	837,768	328,634	1,166,402	841,604	277,996	1,119,500
Prince Edward	1,099,733	1,105,359	2,205,091	1,076,351	1,045,556	2,121,906
Prince George	2,060,053	558,424	2,618,477	1,860,769	469,060	2,329,829
Prince William	16,115,687	15,161,508	31,277,195	14,161,656	11,866,470	26,028,134
Pulaski	2,554,155	1,692,401	4,246,556	2,445,514	1,454,766	3,900,280
Rappahannock	346,909	138,695	485,604	352,156	130,932	483,088
Richmond	447,739	606,921	1,054,660	433,741	620,277	1,054,018
Roanoke	5,373,841	4,474,484	9,848,325	5,048,453	4,187,047	9,235,500
Rockbridge	1,065,690	801,896	1,867,586	1,011,945	692,619	1,704,565
Rockingham	3,761,527	1,566,531	5,328,058	3,566,433	1,603,455	5,169,888
Russell	2,091,502	815,695	2,907,197	2,143,046	817,235	2,960,281
Scott	1,720,926	768,702	2,489,628	1,651,556	756,476	2,408,032
Shenandoah	1,853,854	1,452,055	3,305,909	1,763,683	1,330,148	3,093,831
Smyth	2,379,728	1,327,157	3,706,885	2,274,831	1,325,606	3,600,437
Southampton	1,244,656	262,901	1,507,558	1,176,182	272,420	1,448,602
Spotsylvania	3,835,772	4,076,028	7,911,800	3,346,408	3,399,510	6,745,918
Stafford	4,145,720	1,978,419	6,124,139	3,758,380	1,630,597	5,388,976
Surry	383,545	131,775	515,320	380,148	118,958	499,106
Sussex	906,177	331,574	1,237,752	870,770	314,287	1,185,057
Tazewell	3,571,213	2,427,568	5,998,782	3,552,497	2,378,952	5,931,448
Warren	1,745,566	1,306,498	3,052,064	1,598,043	1,285,887	2,883,930
Washington	3,299,522	1,787,393	5,086,915	3,164,770	1,675,216	4,839,985
Westmoreland	923,036	427,252	1,350,289	907,617	428,009	1,335,627
Wise	3,677,555	1,883,315	5,560,870	3,524,543	1,923,943	5,448,486
Wythe	1,975,109	1,358,265	3,333,375	1,832,665	1,257,949	3,090,614
York	3,136,118	2,542,808	5,678,927	2,961,862	2,198,629	5,160,491
Cities						
Alexandria	4,521,808	11,528,214	16,050,022	4,330,330	11,653,920	15,984,250
Bedford	346,584	602,870	949,454	351,407	551,472	902,879
Bristol	1,163,927	2,151,207	3,315,134	1,103,871	2,216,568	3,320,439
Buena Vista	479,512	272,038	751,550	453,195	280,325	733,520
Charlottesville	1,879,466	4,867,785	6,747,252	1,750,627	4,566,810	6,317,437
Chesapeake	9,896,945	7,703,271	17,600,217	9,199,872	7,260,515	16,460,387
Clifton Forge	276,554	202,766	479,320	268,749	226,181	494,930
Colonial Heights	1,048,183	955,834	2,004,017	1,032,787	948,811	1,981,598
Covington	455,196	681,812	1,137,008	435,533	633,186	1,068,719
Danville	3,006,109	3,972,526	6,978,635	2,995,528	3,647,571	6,643,099

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TABLE 19.17

Sales Tax Distribution for Virginia's Counties and Cities:
Fiscal Years 1986-87 and 1987-88, *CONTINUED*

	1987-88			1986-87		
	Share of State Tax	Local 1%	Total	Share of State Tax	Local 1%	Total
Emporia	282,714	549,517	832,231	282,830	516,255	799,085
Fairfax	1,117,889	5,366,916	6,484,804	1,135,374	5,007,816	6,143,190
Falls Church	472,055	2,627,986	3,100,041	440,914	2,606,162	3,047,076
Franklin	500,586	650,993	1,151,579	498,731	652,100	1,150,831
Fredericksburg	912,661	2,731,113	3,643,774	906,577	2,670,407	3,576,983
Galax	375,439	1,041,768	1,417,208	345,840	883,856	1,229,696
Hampton	8,325,806	9,373,032	17,698,838	7,542,055	9,136,904	16,678,959
Harrisonburg	1,044,616	4,510,950	5,555,567	986,938	3,876,944	4,863,883
Hopewell	1,510,187	1,165,510	2,675,697	1,500,231	1,216,534	2,716,765
Lexington	249,645	356,910	606,554	236,255	404,330	640,584
Lynchburg	3,917,798	6,522,165	10,439,963	3,676,594	6,404,325	10,080,919
Manassas	1,385,365	2,580,022	3,965,387	1,200,945	2,703,864	3,904,810
Manassas Park	582,288	378,629	960,916	547,515	238,149	785,664
Martinsville	1,097,139	1,710,553	2,807,692	986,897	1,673,436	2,660,333
Newport News	11,557,892	8,445,322	20,003,214	10,763,817	8,012,381	18,776,198
Norfolk	16,083,914	20,020,113	36,104,027	14,782,024	20,424,042	35,206,067
Norton	422,126	519,450	941,576	384,163	600,273	984,436
Petersburg	2,570,366	3,556,533	6,126,899	2,367,734	3,417,394	5,785,127
Poquoson	841,983	198,091	1,040,073	761,585	214,381	975,966
Portsmouth	6,581,537	5,194,113	11,775,650	6,643,620	5,257,643	11,901,263
Radford	623,787	478,489	1,102,276	590,038	628,208	1,218,246
Richmond	12,729,924	20,076,029	32,805,953	13,528,224	18,719,796	32,248,020
Roanoke	7,788,260	11,397,044	19,185,304	7,351,877	10,519,562	17,871,439
Salem	1,356,510	2,653,160	4,009,670	1,302,860	2,422,168	3,725,028
South Boston	494,102	595,754	1,089,856	475,211	537,458	1,012,669
Staunton	1,225,528	1,763,867	2,989,395	1,072,882	1,639,264	2,712,145
Suffolk	4,081,201	2,157,857	6,239,058	3,778,209	2,165,385	5,943,593
Virginia Beach	26,127,404	22,926,532	49,053,937	23,969,944	21,820,205	45,790,150
Waynesboro	1,128,912	1,578,561	2,707,473	1,053,402	1,453,823	2,507,225
Williamsburg	277,527	2,703,493	2,981,020	238,630	2,516,138	2,754,768
Winchester	1,151,607	3,664,692	4,816,299	1,083,652	3,295,616	4,379,269
MSAs						
Bristol (Va. portion)	6,184,375	4,707,301	10,891,676	5,920,197	4,648,260	10,568,456
Charlottesville	6,970,917	9,235,859	16,206,776	6,048,596	8,591,668	14,640,264
Danville	7,749,354	5,096,996	12,846,350	7,386,820	4,842,251	12,229,071
Lynchburg	9,198,589	9,657,866	18,856,455	9,039,937	9,181,994	18,221,931
Norfolk	90,820,993	85,282,735	176,103,728	84,072,929	82,872,483	166,945,412
Northern Virginia	91,128,023	122,708,505	213,836,528	83,304,903	111,815,801	195,120,704
Richmond	55,756,640	67,399,611	123,156,251	53,092,145	62,262,611	115,354,756
Roanoke	16,171,452	19,226,171	35,397,623	15,241,519	17,789,752	33,031,271
Planning Districts						
LENOWISCO	8,133,547	3,760,148	11,893,696	7,642,299	3,875,062	11,517,362
Cumberland Plateau	10,314,533	5,021,530	15,336,063	10,130,959	4,866,632	14,997,592
Mount Rogers	12,480,928	8,560,391	21,041,319	11,822,475	8,251,271	20,073,746
New River Valley	8,774,194	6,776,993	15,551,187	8,301,551	6,234,984	14,536,534
Fifth	18,190,006	20,536,705	38,726,711	17,177,392	19,143,995	36,321,386
Central Shenandoah	12,780,826	13,528,788	26,309,613	11,990,213	12,418,111	24,408,324
Lord Fairfax	9,622,985	9,834,831	19,457,816	9,034,960	8,751,825	17,786,785
Northern Virginia	86,982,304	120,730,086	207,712,390	79,546,523	110,185,204	189,731,727
Rappahannock-Rapidan	7,163,176	5,924,379	13,087,555	6,702,053	5,031,300	11,733,803
Thomas Jefferson	9,244,628	10,126,895	19,371,522	71,077,643	9,437,121	80,514,764
Central Virginia	13,256,447	11,395,856	24,652,303	12,938,786	10,784,047	23,722,833
West Piedmont	16,337,774	11,026,810	27,364,583	15,568,793	10,399,811	25,968,603

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TABLE 19.17
Sales Tax Distribution for Virginia's Counties and Cities:
Fiscal Years 1986-87 and 1987-88, CONTINUED

	1987-88			1986-87		
	Share of State Tax	Local 1%	Total	Share of State Tax	Local 1%	Total
Southside	5,999,249	3,462,640	9,461,889	5,671,305	3,388,649	9,059,954
Piedmont	6,127,962	2,942,084	9,070,045	5,819,847	2,737,776	8,557,623
Richmond Regional	47,251,219	60,762,990	108,014,209	45,077,630	55,810,228	100,887,858
RADCO	10,824,845	9,331,503	20,156,347	10,173,500	8,441,513	18,615,013
Northern Neck	2,455,918	2,019,379	4,475,298	2,362,279	1,954,519	4,316,797
Middle Peninsula	5,200,711	3,111,194	8,311,905	4,374,068	2,663,906	7,037,974
Crater	10,877,367	7,930,903	18,808,271	10,323,515	7,700,173	18,023,689
Southeastern Virginia	66,208,639	59,879,549	126,088,188	61,640,523	58,755,530	120,396,052
Peninsula	26,044,081	26,162,355	52,206,437	23,958,621	24,847,642	48,806,264
Accomack-Norhampton	2,902,685	2,196,636	5,099,320	2,819,096	2,055,949	4,875,045

SOURCE: Commonwealth of Virginia, Virginia Department of Taxation, *Annual Report, Fiscal Year 1988*, Richmond, Virginia, annual.

NOTES: State total in thousands of dollars.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 19.18
Excise Tax Rates for Virginia and Surrounding States: 1988

	Sales & Gross Receipts	Cigarettes	Distilled Spirits	Motor Fuel	
				Gasoline	Diesel
Virginia	3.5%	2.50¢	...	17.50¢	16.00¢
Delaware	...	14.00	\$2.25	16.00	16.00
District of Columbia	6.0	17.00	1.50	15.50	15.50
Florida	5.0	24.00	6.50	9.70	9.70
Georgia	3.0	12.00	3.79	7.50	7.50
Kentucky	5.0	3.10	1.92	15.00	12.00
Maryland	5.0	13.00	1.50	18.50	18.50
North Carolina	3.0	2.00	...	15.80	15.80
South Carolina	5.0	7.00	2.96	15.00	15.00
Tennessee	5.5	13.05	4.00	17.00	16.00
West Virginia	5.0	17.00	...	15.35	15.35

SOURCE: The Council of State Governments, *The Book of the States 1988-89 Edition*, Lexington, Kentucky, 1988.

NOTES: As of January 1.

"Sales & Gross Receipts" in percentages.

"Cigarettes" cost in cents per pack.

"Distilled Spirits" in dollars per gallon.

"Motor Fuel" in cents per gallon.

TABLE 19.19

Gross Revenue from Pari-Mutuel Taxes, Amusement Taxes, and Lotteries for the U.S., Virginia, and Surrounding States: 1986

	Gross Revenue	Pari-Mutuel Taxes	Amusement Taxes	Lottery Revenue	
				Total	Net Proceeds
United States	\$6,069.9	\$646.6	\$462.7	\$11,054.5	\$4,690.6
Virginia	0.2	...	0.2	...	...
Delaware	15.9	0.4	...	37.7	15.5
District of Columbia	41.4	...	...	112.3	41.4
Florida	115.7	113.1	2.6	...	...
Georgia	...	...	...	...	...
Kentucky	11.1	10.8	0.3	...	...
Maryland	327.0	2.4	1.2	689.5	323.4
North Carolina	...	...	...	...	...
South Carolina	7.4	...	7.4	...	...
Tennessee	...	...	...	...	...
West Virginia	22.1	...	...	53.0	22.1

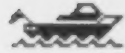
SOURCE: U.S. Department of Commerce, Bureau of the Census, *State Government Finances in 1986*, U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In millions of dollars.

"Amusement Taxes" represents nonlicense taxes.

"Lottery Revenue-Total" excludes commissions.

"Lottery Revenue-Net Proceeds" is income from ticket sales less commissions, prizes, and administrative costs.



Section 20: Tourism and Recreation

Although the diversity of activities in tourism and recreation makes it difficult to measure their impact precisely, the role of these sectors in Virginia's economy is certainly large. This section draws on a variety of sources to assemble data on the state's parks and recreation areas, museums and historical sites, expenditures by travelers, and related topics.

The U.S. Department of the Interior, responsible for administering the nation's park lands, publishes several statistical reports on these areas. One is the *National Park Statistical Abstract* (National Park Service), which gives annual data on visitor use for all areas in the National Park System. The Department's *Annual Report of Lands Under Control of the Fish and Wildlife Service* indicates the acreage of areas in the National Wildlife Refuge System for each state. Information from other sources on state parks is collected in the Census Bureau's *Statistical Abstract of the United States*.

The main source for data on Virginia's state parks is the Department of Conservation and Historic Resources. Additionally, the Department of Game and Inland Fisheries keeps statistics on many of the Commonwealth's recreational areas, like the listing of public fishing waters in Table 20.12.

As part of its Census of Service Industries, taken every five years, the Bureau of the Census compiles data on many subjects related to tourism and recreation. *Hotels, Motels, and Other Lodging Places* lists the receipts, payroll, and number of paid employees for lodging establishments in each state and selected metropolitan areas. Another volume in this census, *Motion Picture Industry*, contains data on both movie theaters and the finances of motion picture production and distribution. *Miscellaneous Subjects* covers such widely divergent topics as appropriations for state arts agencies and operating statistics for bowling alleys.

Tourism in Virginia is fostered by the Commonwealth's rich history, reflected in the large number of museums and historical sites throughout the state. These sites are catalogued in *The Official Museum Directory* (American Association of Museums) and the *Directory of Historical Societies and Agencies in the United States and Canada* (American Association of State and Local History), which provided the listing in Table 20.11.

Despite the difficulty of assessing the economic impact of travel, one such study does exist. The Virginia Division of Tourism (Department of Economic Development) sponsors a yearly report by the U.S. Travel Data Center, *Travel in Virginia: An Economic Analysis*. Based on an economic impact model developed by the Travel Data Center, the report calculates total travel expenditures and their economic effect in the state's independent cities and counties.

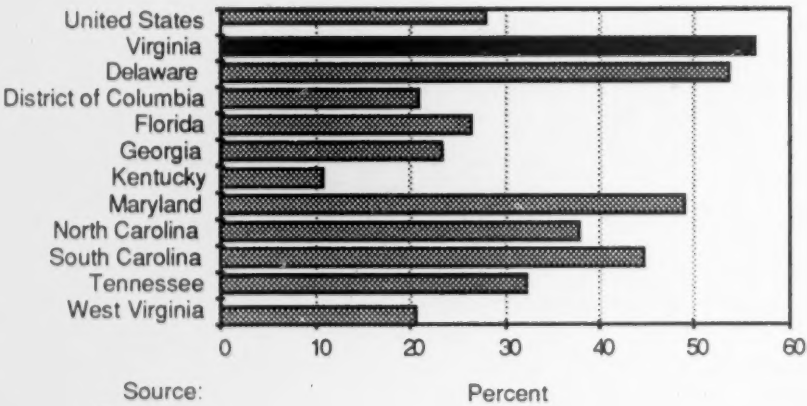
CONCEPTS

VISITS TO PARKS AND RECREATIONAL AREAS

Recreational visits are defined as the entry of any person into an area specifically

cally for purposes of recreation; they do not include through traffic or brief incidental entries. Calculations of the number of such visits are based on several different methods, including electromagnetic traffic counters and visual counts and estimates.

Figure 20.1
Growth in Domestic Travel Expenditures: 1983–1986



Source:
Table 20.1

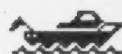


Figure 20.2
Travel Industry Receipts, Virginia: 1987

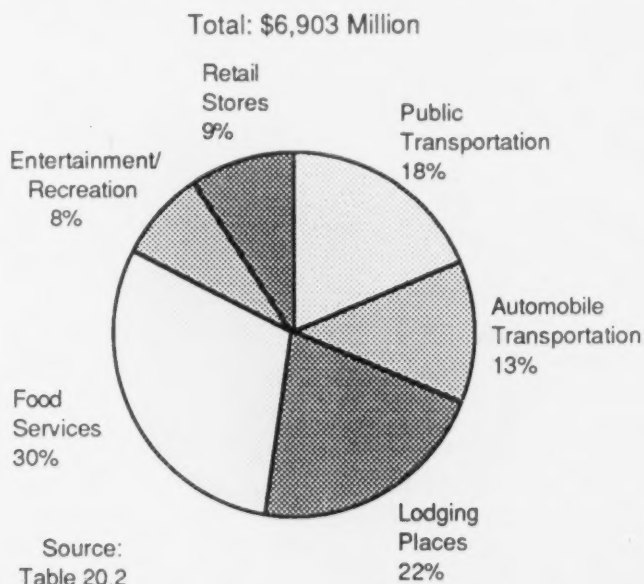


Figure 20.3
Per Capita Legislative Appropriations
for State Arts Agencies: 1988

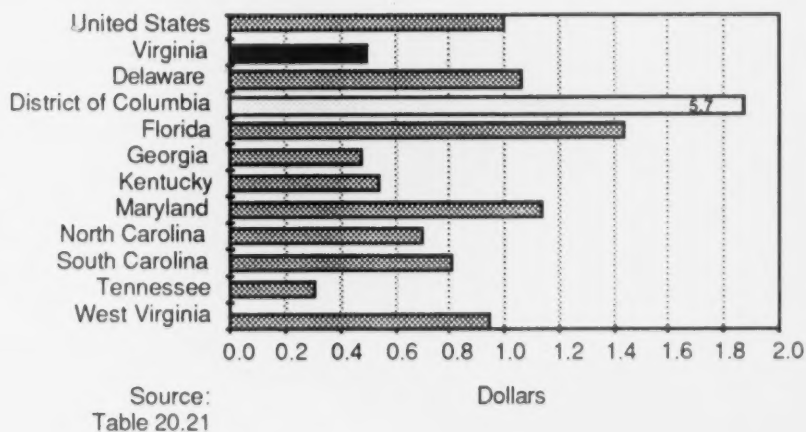


TABLE 20.1
Domestic Travel Expenditures for the U.S.,
Virginia, and Surrounding States: 1983-1986

	1986	1985	1984	1983	Percent Change 1983-1986
United States	\$252,954	\$242,443	\$222,955	\$197,597	28.0%
Virginia	6,073	5,305	4,418	3,880	56.5
Delaware	709	660	555	461	53.8
District of Columbia	1,283	1,232	1,138	1,061	20.9
Florida	20,350	18,642	17,645	16,059	26.7
Georgia	5,247	5,222	4,851	4,243	23.7
Kentucky	2,293	2,290	2,222	2,072	10.7
Maryland	4,766	4,346	3,797	3,183	49.2
North Carolina	6,079	5,668	5,246	4,404	38.0
South Carolina	3,895	3,386	3,016	2,692	44.7
Tennessee	4,081	3,756	3,327	3,084	32.3
West Virginia	1,417	1,298	1,270	1,175	20.6

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In millions of dollars, except percent. Represents U.S. spending on domestic overnight trips and day trips of 100 miles or more away from home. Excludes spending by foreign visitors and by U.S. residents in U.S. territories and abroad.

TABLE 20.2
Summary Statistics for the Travel Industry, Virginia: 1981-1987

Travel Category	1987	1986	1985	1984	1983	1982	1981
Total Travel Expenditures	\$6,903.3	\$6,102.0	\$5,371.7	\$4,056.0	\$3,661.0	\$3,347.0	\$3,303.0
Kind of Business:							
Public Transportation	1,288.5	1,146.5	610.6	692.0	647.0	589.0	615.0
Automobile Transportation	861.8	768.2	834.6	781.0	811.0	791.0	790.0
Lodging Places	1,505.1	1,299.6	1,282.7	869.0	729.0	648.0	604.0
Food Services	2,061.3	1,851.8	1,724.2	1,117.0	959.0	858.0	841.0
Entertainment/Recreation	551.9	488.8	473.5	304.0	258.0	228.0	221.0
Miscellaneous Retail Stores	634.7	547.1	446.1	293.0	257.0	233.0	232.0
Function:							
Wage and Salary Income	1,584.1	1,372.0	1,196.0	888.0	759.0	681.0	672.0
Taxes	379.6	328.0	289.0	243.0	196.0	158.0	158.0
Costs of Goods and Services	4,939.6	4,402.0	3,887.0	2,925.0	2,706.0	2,508.0	2,474.0

SOURCE: U.S. Travel Data Center. *Travel in Virginia in 1987 An Economic Analysis*. Washington, D.C., annual.

NOTE: In millions of dollars.



TABLE 20.3
Travel Generated Tax Revenue, Virginia: 1981-1987

Type of Tax	1987	1986	1985	1984	1983	1982	1981
State Taxes	\$245.3	\$201.5	\$185.4	\$132.9	\$121.1	\$109.6	\$109.4
Personal Income Tax	38.4	33.5	26.0	20.4	18.0	15.6	14.7
Corporate Income Tax	9.3	7.8	9.3	6.9	5.4	4.0	5.1
Sales and Excise Taxes	197.6	160.2	150.1	105.6	97.7	90.0	89.6
Lodging	38.9	28.7	30.6	19.2	15.9	13.2	13.0
Meals	68.6	53.1	49.7	32.2	27.4	24.3	23.6
Gasoline and Auto Services	68.8	62.6	43.2	36.9	39.7	39.4	40.2
Miscellaneous Retail Trade	21.3	15.8	12.9	8.5	7.3	6.7	6.6
Local Taxes	119.4	104.4	102.3	70.1	62.6	54.4	52.3
Property Tax	40.1	34.1	30.5	23.2	19.6	16.9	16.5
Sales Tax	79.3	70.3	71.8	46.9	43.0	37.5	35.8
Federal Taxes	374.2	320.2	262.2	167.8	161.1	122.7	120.5
Personal Income Tax	225.6	185.9	156.2	86.4	83.0	74.5	70.6
Corporate Income Tax	45.9	36.2	38.9	24.6	23.6	18.5	18.4
Excise Tax	102.7	98.1	67.1	56.8	54.5	29.7	31.5
Total Taxes	738.9	626.1	549.9	370.8	344.8	286.7	282.2

SOURCE: U.S. Travel Data Center, *Travel in Virginia in 1987 An Economic Analysis*. Washington, D.C., annual.

NOTE: In millions of dollars.

TABLE 20.4
Expenditures by Travelers in Virginia's Counties and Cities: 1987

	Total Travel Expenditures	Travel Generated Payroll	Travel Generated Employment	State Tax Receipts	Local Tax Receipts
Virginia	\$5,583,602	\$1,218,750	141,688	\$222,363	\$109,147
Counties					
Accomack	39,805	7,813	914	1,391	422
Albemarle	35,532	7,663	945	1,486	512
Alleghany	10,239	2,081	248	380	115
Amelia	723	125	14	20	7
Amherst	5,051	934	105	166	44
Appomattox	2,537	388	38	53	16
Arlington	842,961	195,282	20,572	32,069	15,912
Augusta	37,982	7,949	965	1,510	449
Bath	120,320	26,789	3,348	5,313	1,290
Bedford	7,582	1,207	122	167	63
Bland	476	97	12	20	6
Botetourt	13,228	2,828	346	552	163
Brunswick	3,558	431	32	34	15
Buchanan	4,473	661	62	92	28
Buckingham	4,677	607	50	55	21
Campbell	5,207	729	66	96	34
Caroline	17,038	3,414	404	623	187
Carroll	13,183	2,109	212	294	97
Charles City	792	87	5	3	2
Charlotte	4,017	740	83	127	40
Chesterfield	67,981	14,927	1,860	2,971	873
Clarke	1,985	255	20	23	8
Craig	2,494	320	26	28	10

CONTINUED ➡

TABLE 20.4

Expenditures by Travelers in Virginia's Counties and Cities: 1987, *CONTINUED*

	Total Travel Expenditures	Travel Generated Payroll	Travel Generated Employment	State Tax Receipts	Local Tax Receipts
Culpeper	13,262	2,662	321	503	126
Cumberland	4,147	501	37	34	15
Dickenson	2,447	400	43	69	19
Dinwiddie	2,777	506	57	84	23
Essex	4,299	733	77	116	37
Fairfax	538,565	119,346	14,393	22,721	7,223
Fauquier	10,999	1,980	222	335	104
Floyd	2,167	273	21	27	10
Fluvanna	1,771	238	21	26	10
Franklin	7,754	1,027	84	103	40
Frederick	35,594	7,524	923	1,445	626
Giles	13,195	2,762	335	529	157
Gloucester	5,286	914	99	151	47
Goochland	1,162	172	17	23	8
Grayson	2,262	299	25	28	12
Greene	1,999	266	22	26	10
Greensville	17,286	3,787	468	739	254
Halifax	5,170	844	86	121	39
Hanover	38,610	8,282	1,018	1,614	478
Henrico	183,563	41,059	4,950	7,878	2,727
Henry	12,074	2,376	278	432	131
Highland	3,482	437	33	36	15
Isle of Wight	2,217	276	23	33	13
James City	123,388	27,706	3,477	5,508	1,885
King and Queen	1,092	166	16	22	7
King George	2,776	344	26	26	11
King William	1,607	220	19	25	10
Lancaster	39,603	8,347	1,015	1,585	471
Lee	3,052	384	30	38	17
Loudoun	142,927	33,966	3,040	4,667	1,797
Louisa	5,554	894	92	131	43
Lunenburg	2,729	343	27	30	13
Madison	6,061	1,127	128	192	59
Mathews	5,629	855	81	109	38
Mecklenburg	29,615	4,704	474	656	218
Middlesex	5,213	782	74	97	33
Montgomery	46,864	10,112	1,254	1,996	588
Nelson	51,284	11,209	1,388	2,188	644
New Kent	2,289	417	46	74	23
Northampton	14,920	3,105	374	582	203
Northumberland	7,635	912	65	61	30
Nottoway	2,327	392	42	67	21
Orange	9,304	1,097	79	76	36
Page	24,997	4,669	530	796	245
Patrick	4,122	575	52	65	23
Pittsylvania	5,985	804	70	91	34
Powhatan	1,356	195	18	23	8
Prince Edward	6,283	1,170	135	207	64
Prince George	21,574	4,732	587	926	273
Prince William	73,428	15,952	1,983	3,185	1,092
Pulaski	7,547	1,577	192	310	78
Rappahannock	4,009	522	43	47	19
Richmond	3,400	851	51	41	25
Roanoke	43,935	9,380	1,166	1,849	634
Rockbridge	31,841	6,964	863	1,356	466
Rockingham	19,605	3,737	431	653	231
Russell	2,182	326	33	49	14

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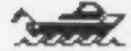


TABLE 20.4
Expenditures by Travelers in Virginia's Counties and Cities: 1987, *CONTINUED*

	Total Travel Expenditures	Travel Generated Payroll	Travel Generated Employment	State Tax Receipts	Local Tax Receipts
Scott	5,593	965	105	160	37
Shenandoah	46,012	8,341	928	1,377	311
Smyth	11,278	2,398	296	470	76
Southampton	2,462	452	49	77	24
Spotsylvania	40,519	8,666	1,064	1,680	498
Stafford	22,593	4,944	615	972	332
Surry	1,488	210	19	24	8
Sussex	1,793	255	24	32	11
Tazewell	10,300	1,798	198	321	87
Warren	21,111	3,712	403	591	213
Washington	21,846	4,334	510	790	276
Westmoreland	11,147	1,558	138	172	62
Wise	4,421	802	91	145	38
Wythe	33,014	7,182	889	1,407	484
York	54,013	12,123	1,522	2,413	826
Cities					
Alexandria	344,176	78,393	8,752	13,644	9,492
Bedford	1,241	224	25	43	14
Bristol	16,586	3,555	441	707	310
Buena Vista	468	97	12	19	2
Charlottesville	51,696	10,992	1,373	2,173	1,337
Chesapeake	31,877	6,850	838	1,337	931
Clifton Forge	343	35	2	3	2
Colonial Heights	1,998	392	47	80	49
Covington	2,107	374	42	71	20
Danville	17,674	3,645	446	730	154
Emporia	9,715	2,149	271	426	354
Fairfax	53,071	10,641	1,300	2,231	766
Falls Church	2,648	337	31	73	27
Franklin	209	12	(Z)	5	2
Fredericksburg	44,057	9,785	1,228	1,927	1,359
Galax	1,136	163	15	27	9
Hampton	86,009	18,807	2,347	3,721	2,558
Harrisonburg	39,437	8,683	1,088	1,730	676
Hopewell	2,972	576	67	113	63
Lexington	2,374	439	51	81	36
Lynchburg	66,920	15,230	1,583	2,458	1,714
Manassas	21,091	4,675	523	832	333
Manassas Park	47	3	(Z)	1	(X)
Martinsville	2,122	226	19	41	15
Newport News	72,858	15,964	1,766	2,791	1,712
Norfolk	246,954	55,953	6,115	9,521	7,317
Norton	2,140	421	50	85	15
Petersburg	54,641	12,033	1,498	2,381	2,004
Poquoson	150	15	1	(X)	(X)
Portsmouth	29,270	6,156	756	1,210	1,201
Radford	1,645	248	27	49	10
Richmond	152,828	32,679	3,956	6,286	3,707
Roanoke	120,872	27,438	3,139	4,970	2,346
Salem	13,766	2,940	364	598	166
South Boston	1,118	109	7	11	5
Staunton	16,013	3,427	424	690	176
Suffolk	13,186	2,704	329	519	429
Virginia Beach	459,082	101,147	12,597	19,753	18,429
Waynesboro	10,065	2,177	272	437	245
Williamsburg	384,073	86,243	10,831	17,197	5,879
Winchester	11,315	2,437	301	487	209

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TABLE 20.4

Expenditures by Travelers in Virginia's Counties and Cities: 1987, *CONTINUED*

	Total Travel Expenditures	Travel Generated Payroll	Travel Generated Employment	State Tax Receipts	Local Tax Receipts
MSAs					
Bristol (Va. portion)	44,025	8,854	1,056	1,657	623
Charlottesville	90,998	19,159	2,361	3,711	1,869
Danville	23,659	4,449	516	821	188
Lynchburg	77,178	16,893	1,754	2,720	1,792
Norfolk	1,506,146	334,582	40,678	64,121	41,214
Northern Virginia	2,041,507	463,539	51,209	80,395	36,974
Richmond	532,543	116,057	14,126	22,456	10,238
Roanoke	191,801	42,586	5,015	7,969	3,309
Planning Districts					
LENOWISCO	15,206	2,572	276	428	107
Cumberland Plateau	19,402	3,185	336	531	148
Mount Rogers	99,781	20,137	2,400	3,743	1,270
New River Valley	71,418	14,972	1,829	2,911	843
Fifth	206,984	45,396	5,333	8,451	3,456
Central Shenandoah	281,587	60,699	7,487	11,825	3,586
Lord Fairfax	141,014	26,938	3,105	4,719	1,612
Northern Virginia	2,018,914	458,595	50,594	79,423	36,642
Rappahannock-Rapidan	43,635	7,388	793	1,153	344
Thomas Jefferson	147,836	31,262	3,841	6,030	2,556
Central Virginia	88,538	18,712	1,939	2,983	1,885
West Piedmont	49,731	8,653	949	1,462	397
Southside	39,461	6,088	599	822	277
Piedmont	24,903	3,878	388	540	181
Richmond Regional	448,581	97,818	11,870	18,872	7,826
RADCO	126,983	27,153	3,337	5,228	2,387
Northern Neck	61,785	11,668	1,269	1,859	588
Middle Peninsula	23,126	3,670	366	520	172
Crater	114,244	24,640	3,038	4,805	3,039
Southeastern Virginia	785,257	173,550	20,707	32,455	28,346
Peninsula	720,491	160,858	19,944	31,630	12,860
Accomack-Northampton	54,725	10,918	1,288	1,973	625

SOURCE: U.S. Travel Data Center. *Travel in Virginia in 1987 An Economic Analysis*. Washington, D.C., annual.

NOTES: All dollar amounts in thousands.

X—Less than \$500.

Z—Less than one job.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.



TABLE 20.5
Recreation Visits to National Park Service Areas for the
U.S., Virginia, and Surrounding States: 1981-1988

	Recreational Visits					
	1988	1987	1986	1985	1983	1981
United States	282,451.4	287,245.0	281,094.9	263,441.8	243,616.7	238,589.8
Virginia	27,092.3	26,461.6	24,967.0	24,614.5	23,112.8	29,927.5
Delaware	...	...	...	...	...	...
District of Columbia	27,788.7	32,431.7	33,201.7	32,244.6	24,578.4	23,291.3
Florida	8,093.5	7,719.9	10,032.8	11,406.6	6,565.8	5,800.7
Georgia	4,711.4	4,807.6	4,914.2	4,429.6	3,780.2	2,777.1
Kentucky	3,030.0	2,705.8	2,715.9	2,502.5	2,473.0	2,081.6
Maryland	3,664.1	4,569.8	4,697.4	4,951.3	4,213.6	4,075.1
North Carolina	19,184.9	18,590.5	17,715.3	17,083.9	15,986.2	14,831.1
South Carolina	708.9	659.1	651.5	584.6	526.7	495.0
Tennessee	7,946.9	8,132.0	8,590.2	7,987.8	7,443.1	7,123.9
West Virginia	1,219.0	1,710.9	1,595.6	1,200.8	971.4	916.3

SOURCE: U.S. Department of the Interior, National Park Service. *National Park Statistical Abstract 1988*. Denver, Colorado, annual.

NOTE: In thousands.

TABLE 20.6
Recreation Visits to Areas Administered by the
National Park Service, Virginia: 1983-1988

Area	Recreational Visits					
	1988	1987	1986	1985	1984	1983
Appomattox Courthouse National Historic Park	312.7	336.1	323.8	277.6	318.0	246.3
Arlington House/Robert E. Lee National Memorial	493.0	481.1	481.5	496.8	635.7	514.9
Assateague Island National Seashore	2,418.7	2,648.9	2,452.7	2,304.9	2,024.5	2,150.3
Blue Ridge Parkway	20,003.0	18,604.6	17,076.2	17,193.4	15,136.0	15,208.5
Booker T. Washington National Monument	20.1	20.6	20.9	19.6	25.0	23.0
Colonial National Historic Park	2,472.7	2,431.7	1,990.2	2,138.2	2,504.8	2,068.9
Cumberland Gap National Historic Park	760.8	776.6	788.6	729.7	719.8	718.4
Fredericksburg-Spotsylvania Memorial National Military Park	404.4	381.5	252.9	240.9	232.6	244.3
George Washington Memorial Parkway	9,537.7	9,564.8	9,097.1	8,780.7	8,246.0	8,569.6
George Washington's Birthplace National Monument	152.1	175.4	163.4	150.5	151.7	136.7
Maggie L. Walker National Historic Site	5.4	4.4	3.1	1.4	...	...
Manassas National Battlefield Park	778.9	667.0	793.3	724.0	703.1	720.7
Petersburg National Battlefield	442.3	460.3	524.8	526.1	532.6	553.2

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TABLE 20.6
Recreation Visits to Areas Administered by the National
Park Service, Virginia: 1983-1988, *CONTINUED*

Area	Recreational Visits					
	1988	1987	1986	1985	1984	1983
Prince William Forest Park	358.8	418.1	449.7	431.9	406.8	419.8
Richmond National Battlefield Park	341.9	328.9	302.5	305.7	304.5	312.8
Shenandoah National Park ¹	1,937.2	1,767.7	1,844.0	1,933.1	1,869.3	1,768.4
Theodore Roosevelt Island	36.5	33.7	48.4	51.7	NA	NA
Wolf Trap Farm Park	577.1	545.7	539.3	458.4	304.7	258.4

SOURCE: U.S. Department of the Interior, National Park Service, *National Park Statistical Abstract 1988*, Denver, Colorado, annual.

NOTES: In thousands.

¹Counting procedures modified in 1984.

NA—Not available.

TABLE 20.7
State Park and Recreational Areas for the U.S.,
Virginia, and Surrounding States: 1986 and 1987

	Acreage, 1987	Revenue, 1987	Visitors, 1986		
			Total	Day	Overnight
United States	13,752	\$309,626	675,465	609,611	65,854
Virginia	54	1,558	3,397	2,930	467
Delaware	11	2,916	3,499	3,105	394
District of Columbia	...	...	...	...	...
Florida	278	10,459	13,659	12,477	1,182
Georgia	61	8,569	12,806	9,604	3,202
Kentucky	42	31,858	23,492	22,451	1,041
Maryland	216	5,535	6,777	6,223	554
North Carolina	125	1,182	6,262	5,967	295
South Carolina	79	8,360	8,366	7,359	1,007
Tennessee	120	15,662	22,255	21,149	1,106
West Virginia	206	10,462	8,933	8,147	786

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States, 1989* U.S. Government Printing Office, Washington, D.C., annual.

NOTES: For year ending June 30.

"Acreage" and "Visitors" in thousands.

"Revenue" in thousands of dollars.

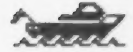


TABLE 20.8
Statistics for Virginia State Parks: 1987 and 1988

Name	Location	Acreage	Year Established	Number of Visitors	
				1988	1987
Bear Creek Lake	Cumberland	150	1939	61,455	57,761
Caledon Natural Area	King George	2,600	1974	6,279	4,649
Chippokes Plantation	Surry	1,683	1967	98,436	105,954
Claytor Lake	Pulaski	472	1951	408,325	358,698
Clinch Mountain	Russell	25,547	1964	1,260	16,511
Douthat	Alleghany, Bath	4,492	1936	191,979	176,804
Fairy Stone	Henry, Patrick	4,541	1936	115,735	136,461
False Cape	Virginia Beach	4,321	1968	18,880	17,901
George Washington's Grist Mill	Fairfax	7	1932	11,876	13,320
Grayson Highlands	Grayson	4,754	1965	121,055	115,602
Hemlock Haven	Smyth	35	1988	218	...
Holliday Lake	Appomattox	250	1939	47,602	52,686
Hungry Mother	Smyth	2,180	1936	196,912	211,663
Lake Anna	Spotsylvania	2,058	1972	112,509	112,564
Leesylvania ¹	Prince William	508	1980	...	...
Mason Neck	Fairfax	1,804	1967	85,631	60,038
Natural Tunnel	Scott	603	1967	177,528	131,613
New River Trail	Carroll, Grayson, Pulaski, Wythe	400	1987	61,959	...
Oconeechee	Mecklenburg	2,690	1968	219,176	214,912
Pocahontas	Chesterfield	1,783	1946	415,032	344,685
Sailor's (Sayler's) Creek Battlefield	Amelia, Prince Edward	221	1937	21,625	11,299
Seashore	Virginia Beach	2,770	1936	990,957	1,103,599
Shot Tower Historical	Wythe	7	1964	19,447	18,015
Sky Meadows	Clarke, Fauquier	1,132	1975	86,928	52,159
Smith Mountain Lake	Bedford	1,506	1967	84,796	98,742
Southwest Virginia Museum	Wise	2	1943	10,006	10,617
Staunton River	Halifax	1,414	1936	72,830	56,759
Twin Lakes	Prince Edward	270	1939	78,661	65,139
Westmoreland	Westmoreland	1,295	1936	124,375	120,921
York River	James City	2,505	1969	69,061	69,255

SOURCE: Commonwealth of Virginia, Department of Conservation and Historic Resources, Division of Parks and Recreation. Unpublished material, 1989.

NOTE: ¹Will open on a limited basis in June, 1989.

TABLE 20.9
Virginia State Forests: 1988

Name	Location	Acreage
Appomattox-Buckingham	Appomattox and Buckingham Counties	19,710
Conway-Robertson	Prince William County	400
Cumberland	Cumberland County	16,739
Lesesne	Nelson County	421
Paul	Rockingham County	173
Pocahontas	Chesterfield County	5,648
Prince Edward Gallion	Prince Edward County	6,963
Voruassa	Bedford County	300
Whitney	Fauquier County	147
Zoar	King William County	367

SOURCE: Personal communication, James E. Bowen, Superintendent of State Forests, August 19, 1988.

TABLE 20.10
National Wildlife Refuge System and National Forest System
for the U.S., Virginia and Surrounding States: 1986

	National Wildlife Refuge System		National Forest System		
	Number of Areas	Acres	Gross Area Within Unit Boundaries	National Forest System Lands	Other Lands Within Unit Boundaries
United States	437	86,337,015	230,007	190,832	39,175
Virginia	11	109,582	3,226	1,637	1,588
Delaware	3	25,403	...	...	...
District of Columbia	...	...	...	...	...
Florida	28	489,933	1,224	1,100	125
Georgia	11	468,150	1,855	867	989
Kentucky	3	2,174	2,102	681	1,421
Maryland	6	27,430	...	...	...
North Carolina	12	257,734	3,165	1,219	1,947
South Carolina	9	188,310	1,382	611	770
Tennessee	8	92,019	1,212	626	586
West Virginia	3	456	1,861	978	883

SOURCES: U.S. Department of the Interior. *Annual Report of Lands Under Control of the U.S. Fish and Wildlife Service as of September 30, 1986*. U.S. Government Printing Office, Washington, D.C., annual; U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1988*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "National Forest System" in thousands of acres.
"Gross Area Within Unit Boundaries" comprises all publicly and privately owned land within authorized boundaries of national forests, purchase units, national grasslands, and land utilization projects (research and experimental areas, and other areas).

TABLE 20.11
Museums and Historical Sites, Virginia: 1985

Name	Location	Type of Facility
Oyster Museum of Chincó	Chincoteague Town, Accomack County	Natural Science Museum
Ash Lawn - Highland	Albemarle County	Historic House
Castle Hill	Cobham Town, Albemarle County	Historic House
Monticello, Home of Thomas Jefferson	Albemarle County	Historic House Museum
Amherst County Historical Museum	Amherst County	History Museum
Appomattox Courthouse		
National Historical Park	Appomattox County	Historic Village Museum
Arlington Historical Museum	Arlington County	General Museum
Arlington House, The Robert E. Lee Memorial		
National Inventors Hall of Fame Foundation, Inc.	Stratford Town, Arlington County	Historic House Museum
Old Guard Museum	Arlington County	Museum
Cyrus H. McCormick Memorial Museum	Fort Meyer, Arlington County	Museum
The Bath County Historical Society, Inc.	Steeles Tavern Town, Augusta County	History Museum
Booker T. Washington National Monument	Warm Springs Town, Bath County	Museum
Peaks of Otter Visitor Center	Hardy Town, Bedford County	History Museum
Patrick Henry Museum - Red Hill Shrine	Bedford County	Natural & Cultural Museum
Berkeley Plantation	Brookneal Town, Campbell County	Historic Site
Sherwood Forest Plantation	Charles City County	Historic House
Shirley Plantation	Charles City County	Historic House
Blandy Experimental Farm	Charles City County	Historic Site
	Boyce Town, Clarke County	Arboretum

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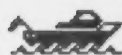


TABLE 20.11
Museums and Historical Sites, Virginia: 1985, *CONTINUED*

Name	Location	Type of Facility
Burwell - Morgan Mill	Millwood Town, Clarke County	Historic Museum
Clarke County Historical Association	Millwood Town, Clarke County	Museum
Fairfax County Park Authority, Division of Historic Preservation	Annandale Town, Fairfax County	Historic Sites & House Museums
Great Falls Historical Society, Virginia	Great Falls Town, Fairfax County	Museum
The Greater Reston Arts Center	Reston Town, Fairfax County	Civic Art & Cultural Center
Gunston Hall Plantation	Lorton Town, Fairfax County	Historic House
Historic Vienna, Inc.	Vienna Town, Fairfax County	Museum
Mount Vernon - Ladies' Association of the Union	Mount Vernon Town, Fairfax County	Historic Plantation
Patowmack Company 1803	Reston Town, Fairfax County	Museum
Pope - Leigh House	Mount Vernon Town, Fairfax County	Historic House
Woodlawn Plantation	Mount Vernon Town, Fairfax County	Historic House
United States Army Engineer Museum	Fort Belvoir, Fairfax County	Military Museum
Fauquier Historical Society, Inc.	Warrenton Town, Fauquier County	Museum
Blue Ridge Institute	Ferrum Town, Franklin County	History Museum
Belle Grove Plantation	Middletown Town, Frederick County	Historic House
Walter Reed Birthplace	Gloucester County	Historic House
Warner Hall Graveyard	Gloucester County	Historic Site
Virginia Institute of Marine Science	Gloucester Point Town, Gloucester County	Marine Research Institutes
Goochland County Museum & Historical Center	Goochland County	Local History Center
Hanover Historical Society	Hanover County	Historic Building
Scotchtown, Home of Patrick Henry	Beaverdam Town, Hanover County	Historic House Museum
Meadow Farm Museum	Glen Allen Town, Henrico County	Agriculture Museum
Isle of Wight Courthouse	Smithfield Town, Isle of Wight County	Historic Building
Jamestown Museum	Jamestown Town, James City County	National Historical Park
Jamestown National Historic Site	Jamestown Town, James City County	Historic Site & Preservation Project
Foundation for Historic Christ Church, Inc.	Irrington Town, Lancaster County	Historic Foundation
Mary Ball Washington Museum and Library, Inc.	Lancaster County	Local History Museum
Loudoun Museum	Leesburg Town, Loudoun County	Local History Museum
The Loudoun County Historical Society	Leesburg Town, Loudoun County	Museum
Oatlands	Leesburg Town, Loudoun County	Historic House Museum
Westmoreland Davis Memorial Foundation, Inc.	Leesburg Town, Loudoun County	Preservation Project
North Anna Visitor's Center	Mineral Town, Louisa County	Nuclear Energy Museum
Roanoke River Museum, Prestwold Foundation	Clarksville Town, Mecklenburg County	Local History Museum
Old Tobacco Warehouse	Urbana Town, Middlesex County	Historic Building
Museum of the Geological Sciences	Blacksburg Town, Montgomery County	Geology & Mineralogy Museum
Smithfield Plantation	Blacksburg Town, Montgomery County	Historic House
Humpback Rocks Park Museum	Alton Town, Nelson County	Park Museum
Humpback Rocks Visitor Center	Alton Town, Nelson County	Visitor Center
The James Madison Museum	Orange Town, Orange County	History Museum
Montpelier	Orange County	Historic House
Shenandoah Natural History Association	Luray Town, Page County	Museum
Shenandoah National Park	Luray Town, Page County	National Park & Visitor Center
Pittsylvania Historical Society	Chatham Town, Pittsylvania County	Museum
The Esther Thomas Atkinson Museum	Hampden-Sydney Town, Prince Edward County	College Museum
Longwood Fine Arts Center	Farmville Town, Prince Edward County	Art Gallery
The United States Army Quartermaster Museum	Fort Lee, Prince George County	Military Museum
Historic Dumfries Virginia, Inc.	Dumfries Town, Prince William County	Museum
United State Marine Corps Air - Ground Museum	Quantico Town, Prince William County	Military Museum
Reuel B. Pritchett Museum of Bridgewater College	Bridgewater Town, Rockingham County	College Museum
Strasburg Museum	Strasburg Town, Shenandoah County	History Museum
New Market Battlefield Park	New Market Town, Shenandoah County	Military History Museum
Woodstock Museum of Shenandoah County	Woodstock Town, Shenandoah County	Local History Museum
Smyth County Museum	Marion Town, Smyth County	General Museum
Spotsylvania Historical Association	Spotsylvania County	General Museum
Bacon's Castle	Surry County	Historic House
Smith's Fort Plantation	Surry County	Historic House
Historic Crab Orchard Museum	Tazewell County	Historic Village Complex
Warren Rifles Confederate Museum	Front Royal Town, Warren County	History & Military Museum

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TABLE 20.11
Museums and Historical Sites, Virginia: 1985, *CONTINUED*

Name	Location	Type of Facility
Stratford Hall, Robert E. Lee Memorial Association	Stratford Town, Westmoreland County	Historic House and Plantation
George Washington's Birthplace National Monument	Washington's Birthplace Town, Westmoreland County	Historic Site
Southwest Virginia Museum	Big Stone Gap Town, Wise County	State Park & Historic House
Rock House Museum	Wytheville Town, Wythe County	Historic House
Colonial National Historical Park: Jamestown and Yorktown Battlefield Site and Foundation of Secretary Thomas Nelson's House	Yorktown Town, York County	Historical Park
Yorktown Victory Center	Yorktown Town, York County	Historic House
Yorktown Visitors Center	Yorktown Town, York County	Historic Foundation & History Museum
Alexandria Archaeology	Alexandria City	Park Museum & Visitor Center
Alexandria Library - Lloyd House	Alexandria City	Archaeology Museum
The Athenaeum	Alexandria City	Local Historical House & Genealogy Library
Carlyle House Historic Park	Alexandria City	Art Gallery
City of Alexandria Division of Historic Resources	Alexandria City	Historic House
Fort Ward Museum & Historic Site	Alexandria City	Museum
Gadsby's Tavern Museum	Alexandria City	Military Museum
George Washington Bicentennial Center	Alexandria City	Historic Buildings
George Washington Masonic National Memorial	Alexandria City	Museum
Jacob Simpson Payton Library	Alexandria City	Memorial Museum
Lee - Fendall House	Alexandria City	Religious Library Museum
The Lyceum	Alexandria City	Historic House
Office of Historic Alexandria	Alexandria City	Historic Building Museum
Ramsay House Visitors Center	Alexandria City	Historic Agency
Ramsay Nature Center	Alexandria City	Historic House & Visitor Center
Robert E. Lee Boyhood Home	Alexandria City	Nature Center
Stabler - Leadbeater	Alexandria City	Historic House Museum
Apothecary Shop Museum	Alexandria City	Pharmaceutical Museum
Torpedo Factory Art Center	Alexandria City	Art Museum
Bedford City/County Museum	Bedford City	Historic House
Albemarle County Historical Society, Inc.	Charlottesville City	Museum
University of Virginia Art Museum	Charlottesville City	Art Museum
Chesapeake Planetarium	Chesapeake City	Planetarium & Space Science Museum
Norfolk County Historical Society of Chesapeake	Chesapeake City	Museum
Danville Historical Society	Danville City	Museum
Danville Museum of Fine Arts & History	Danville City	Art & History Museum
National Tobacco - Textile Museum	Danville City	Tobacco and Textile Museum
Falls Church Historical Commission	Falls Church City	Museum
Belmont the Gari Melchers Memorial Gallery	Fredericksburg City	Art Gallery
Fredericksburg & Spotsylvania National Military Park	Fredericksburg City	Military Park Museum
Historic Fredericksburg Foundation, Inc.	Fredericksburg City	Museum
Hugh Mercer Apothecary Shop	Fredericksburg City	Historic Building
James Monroe Law Office - Museum and Memorial Library	Fredericksburg City	Historical Museum & Library
Kenmore	Fredericksburg City	History Museum
Mary Washington House	Fredericksburg City	Historic House Museum
Rising Sun Tavern	Fredericksburg City	Historic House Museum
St. James Cottage	Fredericksburg City	Historic House
Jeff Matthews Memorial Museum	Galax City	History Museum
Casemate Museum	Fort Monroe, Hampton City	Military Museum
Hampton Center for the Arts and Humanities	Hampton City	Arts Center
Hampton University Museum	Hampton City	General Museum
The NASA Langley Visitor Center	Hampton City	Air & Space Visitor Center
Syms - Eaton Museum	Hampton City	History Museum
D. Ralph Hostetter Museum of Natural History	Harrisonburg City	Natural History Museum
Harrisonburg - Rockingham Historical Society	Harrisonburg City	General Museum
John C. Wells Planetarium	Harrisonburg City	Planetarium
M. T. Brackbill Planetarium	Harrisonburg City	Planetarium & Natural History Museum
Sawhill Gallery, James Madison University	Harrisonburg City	Art Gallery

CONTINUED ➡



TABLE 20.11
Museums and Historical Sites, Virginia: 1985, *CONTINUED*

Name	Location	Type of Facility
Flowerdew Hundred Foundation	Hopewell City	Archaeology Museum
George C. Marshall Research Foundation	Lexington City	Library and Museum
The Klunk Observatory	Lexington City	Planetarium & Observatory
Lee Chapel Museum	Lexington City	History Museum
Rockbridge Historical Society	Lexington City	General Museum
The Sale Planetarium	Lexington City	Planetarium
Stonewall Jackson House	Lexington City	Historic House Museum
VMI Museum	Lexington City	Military & General Museum
Lynchburg Fine Arts Center, Inc.	Lynchburg City	Arts Center
Lynchburg Museum System	Lynchburg City	History Museum
Maier Museum of Art	Lynchburg City	Art Gallery
The Manassas City Museum	Manassas City	Local History Museum
Manassas National Battlefield Park	Manassas City	Military Museum
The Mariners' Museum	Newport News City	Maritime Museum
Peninsula Nature and Science Center	Newport News City	Natural History Museum & Science Center
The War Memorial Museum of Virginia	Newport News City	Military Museum
U.S. Army Transportation Museum	Fort Eustis, Newport News City	Military Transportation Museum
Amphibious Museum	Norfolk City	Military Museum
The Chrysler Museum	Norfolk City	Art Museum
General Douglas MacArthur Memorial	Norfolk City	Military Museum
Hampton Roads Naval Museum	Norfolk City	Naval History Museum
Hermitage Foundation Museum	Norfolk City	Art Museum
Lafayette Zoological Park	Norfolk City	Zoology Museum
Norfolk Botanical Gardens	Norfolk City	Botanical Garden
Norfolk Historical Society	Norfolk City	Local History Museum
Blandford Church and Blandford Church Interpretation Center	Petersburg City	Historic Building
Centre Hill Mansion Museum	Petersburg City	Historic House
Farmers Bank	Petersburg City	Bank Museum
Petersburg National Battlefield	Petersburg City	Military Museum
Siege Museum	Petersburg City	Historic Building
Trapezium House	Petersburg City	Museum
Children's Museum	Portsmouth City	Children's Participatory Museum
Portsmouth Community Arts Center	Portsmouth City	Art Gallery
Portsmouth Lightship Museum	Portsmouth City	Historic Ship
Portsmouth Naval Shipyard Museum	Portsmouth City	Maritime Museum
Agecroft Hall	Richmond City	Historic House
Anderson Gallery, School of the Arts, Virginia Commonwealth University	Richmond City	University Museum
The Archeological Society of Virginia	Richmond City	Archeological Society
Association for the Preservation of Virginia Antiquities	Richmond City	Preservation Project
Division of Historic Landmarks Department of Conservation and Historic Resources	Richmond City	Historic Agency
Edgar Allan Poe Museum	Richmond City	Historic House
Historic Richmond Foundation	Richmond City	Historic Foundation & Preservation Project
John Marshall House	Richmond City	Historic House
Maymont Foundation	Richmond City	Historic House & Gardens
Museum of the Confederacy	Richmond City	Military Museum
Richmond National Battlefield Park	Richmond City	Civil War Military Collection
Science Museum of Virginia	Richmond City	Science Museum
Valentine Museum	Richmond City	General History Museum
Virginia Division of Parks and Recreation	Richmond City	Natural History Museum & State Park
Virginia Historical Society	Richmond City	Historical Society Library
Virginia Museum of Fine Arts	Richmond City	Art Museum
Wilton	Richmond City	Historic House
Roanoke Museum of Fine Arts	Roanoke City	Art Museum
Roanoke Transportation Museum	Roanoke City	Transportation Museum
Roanoke Valley Historical Society	Roanoke City	History Museum
Roanoke Valley Science Museum	Roanoke City	Science Museum
Woodrow Wilson Birthplace Foundation, Inc.	Staunton City	Historic House
Cape Henry Lighthouse	Fort Story, Virginia Beach City	Historic Building
Lynnhaven House	Virginia Beach City	Historic House
Seashore State Park Natural Area Visitor Center	Virginia Beach City	Park Museum
Virginia Beach Arts Center	Virginia Beach City	Civic Art & Cultural Center
Abby Aldrich Rockefeller Folk Art Center	Williamsburg City	Art Museum

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TABLE 20.11
Museums and Historical Sites, Virginia: 1985, *CONTINUED*

Name	Location	Type of Facility
Bassett Hall	Williamsburg City	Historic House Museum & Grounds
Carter's Grove Plantation	Williamsburg City	Historic House Museum
Colonial Williamsburg Foundation	Williamsburg City	Preservation Project & History Museum District
Jamestown Festival Park, Yorktown Victory Center, The Jamestown - Yorktown Foundation	Williamsburg City	History Museum
Muscarell Museum of Art	Williamsburg City	Art Museum
Powder Magazine	Williamsburg City	Historic Building
Virginia Research Center for Archeology	Williamsburg City	Museum
Winchester - Frederick County Historical Society, Inc.	Winchester City	History Museum Complex

SOURCES: The American Association of Museums. *The Official Museum Directory 1986*. National Register Publishing Company, Incorporated. Wilmette, Illinois, 1985; American Association for State and Local History. *Directory of Historical Societies and Agencies in the United States and Canada*, 12th Edition. Nashville, Tennessee, ND.

TABLE 20.12
Virginia Public Fishing Waters, 1988

Locality	Name	Ownership/Management	Acreage
Counties:			
Accomack	Pond No. 1	Virginia Truck and Ornamental Research Station	33
Albemarle	Rivanna Reservoir	City of Charlottesville	450
	Sugar Hollow Reservoir	City of Charlottesville	37
	Beaver Creek Lake	County of Albemarle	104
	Chris Greene Recreation Area	County of Albemarle	62
	Lake Albemarle	Virginia Game Commission	35
	Superior Stone Corporation Lake	Private	10
	Totter Creek	County of Albemarle	66
	Mint Springs	County of Albemarle	8
	Ragged Mountain Reservoir	City of Charlottesville	80
Alleghany	Clifton Forge Reservoir	U.S. Forest Service	16
	Lake Moomaw	U.S. Forest Service	2,530
Amelia	Amelia Lake	Virginia Game Commission	100
	Beaver Pond	Private	62
	Lake Chesdin	Appomattox Water Authority	3,060
Amherst	Lynchburg Reservoir	City of Lynchburg	75
	Elon Waterworks Reservoir	Private	45
Appomattox	Holiday Lake	Virginia State Park	113
Augusta	Elkhorn Lake	U.S. Forest Service	55
	Hearthstone Lake	U.S. Forest Service	15
	Rhema Lake	Private	12
	Sherando Lake	U.S. Forest Service	26
	Braley Pond	U.S. Forest Service	5
Bath	Douthat Lake	Virginia State Park	60
Bedford	Bedford County Park Inc.	Private	28
	Leesville Reservoir	Appalachian Power Company	3,400
	Smith Mountain Reservoir	Appalachian Power Company	20,000
	Peaks of Otter Lake	County of Bedford	24
Botetourt	Carvins Cove Reservoir	City of Roanoke	630
Brunswick	Pickett Reservoir	U.S. Army	384
	Brunswick Lake	Virginia Game Commission	150
	Lake Gaston	Appalachian Power Company	20,300
Buckingham	Horsepen Lake	Virginia Game Commission	19
	Holiday Lake	Virginia State Park	113
Campbell	Leesville Reservoir	Appalachian Power Company	3,400
	Brookneal Reservoir	Town of Brookneal	25
	College Lake	Lynchburg College	35
	Dam No. 2 Water supply	Private	12

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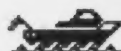


TABLE 20.12
Virginia Public Fishing Waters, 1988, *CONTINUED*

Locality	Name	Ownership/Management	Acreage
Caroline	Bowie Pond	U.S. Army	21
	Delos Pond	U.S. Army	20
	Hearn's Pond	U.S. Army	6
	Lonesome Gulch Pond	U.S. Army	8
	Smoots Pond	U.S. Army	100
	Travis Pond	U.S. Army	20
	White's Pond	U.S. Army	65
Carroll	Byllsby Reservoir	Appalachian Power Company	335
	Buck Reservoir	Appalachian Power Company	80
	Crooked Creek	Virginia Game Commission	NA
Charlotte	Keysville Lake	Town of Keysville	42
	Buggs Island Lake	U.S. Corps of Engineers	48,900
Charles City	Harrison Lake	U.S. Fish and Wildlife Service	82
	Chickahominy Lake	City of Newport News	1,100
Chesterfield	Swift Creek Millpond	City of Colonial Heights	11
	Reives Pond	Private	13
	Lake Chesdin	Appomattox Water Authority	3,010
	Lakeview Reservoir	City of Colonial Heights	42
	Lake Dale	Private	46
	Swift Creek	Virginia State Park	107
	Beaver Lake	Virginia State Park	45
	Falling Creek Reservoir	County of Chesterfield	110
	Swift Creek Reservoir	County of Chesterfield	1,800
	McDaniel Pond	Private	28
Craig	Mountain Run Lake	Town of Culpeper	75
	Lake Pelham	Town of Culpeper	254
Cumberland	Bear Creek Lake	Virginia State Park	42
	Arrowhead	State of Virginia	6
	Bonbrook	State of Virginia	6
	Oak Hill	State of Virginia	6
	Winston Lake	State of Virginia	10
	Sports Lake	Private	75
Dickenson	J.W. Flannagan Reservoir	U.S. Corps of Engineers	1,143
	Laurel Lake	Breaks Interstate Park	12
Cinwiddie	Wheeler's Lake	Private	75
	Tommeheton	U.S. Army	150
	Twin Lakes	U.S. Army	16
	Lake Chesdin	Appomattox Water Authority	3,010
Essex	Spindles Millpond	Private	21
	Hundleys Pond	Private	27
Fairfax	Burke Lake	Virginia Game Commission	218
	Ocoquan Reservoir	Fairfax County Water Authority	2,100
	Accotink	County of Fairfax	70
	Huntsman	County of Fairfax	27
	Royal	County of Fairfax	38
Fauquier	Dalton Pond	U.S. Marine Corps	28
	Lake Brittle	Virginia Game Commission	77
	Lake Thompson	Virginia Game Commission	10
Fluvanna	Fluvanna Ruritan Lake	Virginia Game Commission	50
Franklin	Philpott Reservoir	U.S. Corps of Engineers	2,800
	Smith Mountain Reservoir	Appalachian Power Company	20,000
Frederick	Cove Lake	Private	44
Giles	Mountain Lake	Private	60
Gloucester	Cypress Shores Lake	Private	16
	Haynes Pond	Private	45
	Leight Pond	Private	10
	Hale Lake	Jefferson National Forest	5
Grayson	Emporia Lake	City of Emporia	210
Greensville	Smiths Pond	Private	24
	Rainey's Lake	Private	16
	Stagle's Lake	Private	385
	Kerr Reservoir	U.S. Corps of Engineers	48,900
Halifax	Lake Conner	Virginia Game Commission	111
	Halifax Reservoir	County of Halifax	400
Henrico	Crumps Manor	Henrico County Parks and Recreation	2
Henry	Philpott Reservoir	U.S. Corps of Engineers	2,880
	Martinsville Reservoir	City of Martinsville	220

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TABLE 20.12
Virginia Public Fishing Waters, 1988, *CONTINUED*

Locality	Name	Ownership/Management	Acreage
	Laurel Park Lake	Private	12
	Hales Fish Lake	Private	5
	Bryants Fish Lake	Private	3
	Smith River Hydro Dam	City of Martinsville	42
	Fisher's Pond	County of Henry	11
	Fairystone Lake	Virginia State Park	168
Isle of Wight	Lake Burnt Mills	City of Norfolk	610
	Smithfield Waterworks Lake	Town of Smithfield	17
James City	Lake Powell	NA	62
Lee	Keokee Lake	National Forest	98
Loudoun	Goose Creek Reservoir	City of Fairfax	140
	Beaver Creek Reservoir	City of Fairfax	350
Louisa	Lake Anna	Virginia Power	9,600
	Lake Gordonsville	Town of Louisa	81
Lunenburg	Lunenburg Beach	Town of Victoria	13
	Nottoway Falls	Town of Victoria	60
	Whittles Mill	Town of South Hill	40
Mecklenburg	Buggs Island Lake	U.S. Corps of Engineers	48,900
	Gaston Lake	Virginia Power	20,300
	Gordon Lake	Virginia Game Commission	157
	Whittle's Mill Pond	Town of South Hill	60
Montgomery	Little River Reservoir	City of Radford	113
Nelson	Lake Nelson	Virginia Game Commission	45
New Kent	Chickahominy Lake	City of Newport News	1,100
	Diascund Reservoir	City of Newport News	1,700
Northumberland	Gardys Mill Pond	Virginia Game Commission	75
Nottoway	Twin Lakes	U.S. Army	16
	Lake Birchen	U.S. Army	96
	Pickett Reservoir	U.S. Army	384
	Virginia Railway Falls	Town of Victoria	60
Orange	Lake Orange	Virginia Game Commission	124
Page	Luray Power Dam	Potomac Edison Company	125
	Newport Dam	Potomac Edison Company	102
	Shenandoah Power Dam	Town of Shenandoah	100
	Lake Arrowhead	Town of Luray	NA
Patrick	Cockram Mill Pond	Private	11
	Talbot Reservoir	City of Danville	165
	Fairystone Park Lake	Virginia State Park	168
	Philpott Reservoir	U.S. Corps of Engineers	2,880
Pittsylvania	Towns Dam	City of Danville	NA
	Fuzzy's Lake	Private	14
	Lake Burton	Virginia Game Commission	76
	Smith Mountain Lake	Appalachian Power Company	20,000
	Leesville Lake	Appalachian Power Company	4,000
Powhatan	Bass Pond	Virginia Game Commission	6
	Bullhead Pond	Virginia Game Commission	2
	Sunfish Pond	Virginia Game Commission	10
	Powhatan Lake	Virginia Game Commission	66
Prince Edward	Goodwyn's Lake	Virginia State Park	40
	Prince Edward Lake	Virginia State Park	30
Prince William	Silver Lake	Private	30
	Pleasant Camp	Prince William Forest Park	10
	Ocoquan Reservoir	Fairfax County Water Authority	1,700
	Lake Jackson	County of Prince William	250
Pulaski	Claytor Lake	Appalachian Power Company	4,485
	Hogan Lake	Town of Pulaski	40
	Gatewood Reservoir	Town of Pulaski	162
Rockbridge	Lake Robertson	Virginia Game Commission	31
Rockingham	Lake Shenandoah	Virginia Game Commission	37
	Briery Branch Lake	U.S. Forest Service	7
	Hone Quarry Lake	U.S. Forest Service	7
	Dry Run Lake	U.S. Forest Service	7
	Switzer Lake	U.S. Forest Service—City of Harrisonburg	125
	Silver Lake	City of Harrisonburg	10
Russell	Laurel Bed Lake	Virginia Game Commission	300
Scott	Bark Camp Lake	Virginia Game Commission	66
Shenandoah	Cedar Creek Valley Trout Farm	Private	NA

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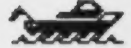


TABLE 20.12
Virginia Public Fishing Waters, 1988, *CONTINUED*

Locality	Name	Ownership/Management	Acreage
	Orndorffs Rainbow Trout Pond	Private	NA
	Tomahawk Pond	U.S. Forest Service	2
Smyth	Hungry Mother Lake	Virginia State Park	108
Southampton	Rivers Mill Pond	Private	24
Spotsylvania	Ni River Reservoir	NA	400
	Motts Run Reservoir	NA	160
Stafford	Abel Reservoir	NA	185
	Lake Curtis	Stafford County Parks and Recreation	91
Sussex	Airfield Pond	Virginia Game Commission	105
	Game Refuge Lake	Virginia Game Commission	40
Tazewell	Lincolnshire Lake	NA	21
Warren	Warren Hydro Dam	Potomac Edison Company	189
	Riverton Dam	Town of Front Royal	60
Washington	Hidden Valley Lake	Virginia Game Commission	61
	Big Tumbling Creek	Virginia Game Commission	NA
	South Holston Reservoir	Tennessee Valley Authority	7,580
	Clear Creek Dam	City of Bristol	40
	Bear Tree Lake	U.S. Forest Service	12
Westmoreland	Chandlers Mill Pond	Virginia Game Commission	75
Wise	North Fork Pound Reservoir	U.S. Corps of Engineers	154
	Norton Reservoir	Town of Norton	8
	High Knob Lake	U.S. Forest Service	6
	Big Cherry Lake	Town of Big Stone Gap	100
	Wise Lake	Town of Wise	48
Wythe	Rural Retreat Lake	Virginia Game Commission	90
York	Hartwood Mill Pond	City of Newport News	244
	Cheatham Lake	NA	107
	Jone Mill Pond	NA	69
	Waller Mill	Williamsburg City Reservoir	365
CITIES:			
Newport News	Lee Hall Reservoir	City of Newport News	230
	Lake Maury	Mariners Museum	165
Norfolk	Lake Whitehurst	City of Norfolk	458
	Lake Taylor	City of Norfolk	64
Richmond	Byrd Park	City of Richmond	20
	Bryan Park	City of Richmond	10
Suffolk	Lake Cahoon	NA	510
	Lake Kilby	NA	226
	Lake Meade	NA	512
	Speights Run	NA	195
	Lake Prince	City of Norfolk	777
	Western Branch	City of Norfolk	1,545
	Rountree Pond	Private	25
Virginia Beach	Lake Joyce	City of Virginia Beach	213
	Lake Lawson	City of Norfolk	98
	Lake Smith	City of Norfolk	222

SOURCE: Commonwealth of Virginia, Commission of Game and Inland Fisheries. *Let's Go Freshwater Fishing in Virginia*. Richmond, Virginia, ND.

NOTE: NA—Not available.

TABLE 20.13
Summary Statistics for Bowling Establishments for
the U.S., Virginia, and Surrounding States: 1982

	Establish- ments	Receipts From Customers				Paid Lines Bowled	Lanes Operated
		Total	Bowling	Sales	Other		
United States	6,403	\$2,184,043	\$1,378,898	\$728,157	\$76,988	1,253,614	131,786
Virginia	85	32,822	22,846	8,935	1,041	19,947	2,264
Delaware	12	6,313	4,723	1,460	130	3,826	390
District of Columbia	1	(C)	(C)	(C)	(C)	(C)	(C)
Florida	203	98,734	60,649	33,738	4,347	52,414	4,930
Georgia	58	21,142	(C)	(C)	(C)	(C)	1,292
Kentucky	72	27,049	16,502	9,381	1,166	16,490	1,646
Maryland	107	45,456	35,621	8,040	1,825	30,399	3,057
North Carolina	70	19,921	14,537	4,272	1,112	13,333	1,433
South Carolina	32	9,594	7,016	1,643	935	5,800	758
Tennessee	65	19,513	13,699	4,309	1,505	12,924	1,346
West Virginia	46	11,931	8,660	2,954	317	6,903	899

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Service Industries. *Miscellaneous Subjects*. U.S. Government Printing Office, Washington, D.C., 1985.

NOTES: "Receipts From Customers" in thousands of dollars.
 "Sales" includes sales of food, refreshments, alcoholic beverages, and other merchandise.
 "Paid Lines Bowled" in thousands.
 "Lanes Operated" on December 31, 1982.
 C—Withheld to avoid disclosing data for individual companies.

TABLE 20.14
Summary Statistics for Hotels, Motels, and Other Lodging
Places for the U.S., Virginia, and Surrounding States: 1982

	Number	Establishments With Payroll		
		Receipts	Annual Payroll	Paid Employees
United States	41,231	\$33,214,751	\$9,288,766	1,102,097
Virginia	998	744,100	198,847	25,846
Delaware	101	58,346	16,184	2,004
District of Columbia	110	364,382	115,781	10,618
Florida	3,183	2,650,681	701,781	95,345
Georgia	810	763,380	213,349	27,358
Kentucky	500	298,412	79,447	11,642
Maryland	439	361,942	93,187	12,501
North Carolina	1,121	523,684	129,931	18,635
South Carolina	788	479,797	118,956	15,772
Tennessee	905	592,457	147,353	20,882
West Virginia	274	172,794	57,132	6,671

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Service Industries. *Hotels, Motels, and Other Lodging Places*. U.S. Government Printing Office, Washington, D.C., 1985.

NOTES: "Receipts" and "Annual Payroll" in thousands of dollars.
 "Paid Employees" for the week of March 12, 1982.

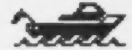


TABLE 20.15
Summary Statistics for Hotels, Motels,
and Other Lodging Places, Virginia: 1982

Kind of Business	Establishments With Payroll			
	Number	Receipts	Annual Payroll	Paid Employees
Total	998	\$744,100	\$198,847	25,846
Hotels, motor hotels, and motels	864	725,426	194,933	25,470
Hotels	213	381,592	111,085	13,323
Hotels, 25 guestrooms or more	176	378,463	100,435	13,189
Hotels, less than 25 guestrooms	37	3,129	650	134
Motels, motor hotels, and tourist courts	651	343,834	83,848	12,147
Motels, tourist courts	559	244,658	59,106	8,753
Motor hotels	92	99,176	24,742	3,394
Other lodging places	134	18,764	3,914	376
Trailer parks and camps	115	17,083	3,502	292
Sporting and recreational camps	36	4,782	1,206	111
Trailer parks and camp sites for transients	79	12,301	2,296	181
Rooming, boarding, and membership lodging	19	1,591	412	84

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Service Industries. *Hotels, Motels, and Other Lodging Places*. U.S. Government Printing Office, Washington, D.C., 1985.

NOTES: "Receipts" and "Annual Payroll" in thousands of dollars.
 "Paid Employees" for week of March 12, 1982.

TABLE 20.16
Summary Statistics for Motion Picture Theaters
for the U.S., Virginia, and Surrounding States: 1982

	Establishments With Payroll			
	Number	Receipts	Annual Payroll	Paid Employees
United States	9,344	\$3,575,737	\$566,647	103,461
Virginia	209	74,202	10,147	2,160
Delaware	26	6,466	1,108	244
District of Columbia	25	13,760	2,600	465
Florida	422	169,403	25,548	4,711
Georgia	196	67,951	10,027	2,090
Kentucky	133	34,281	5,688	1,136
Maryland	143	59,905	9,510	1,966
North Carolina	234	63,157	9,731	2,226
South Carolina	117	33,059	5,039	992
Tennessee	153	47,929	7,368	1,492
West Virginia	85	16,562	2,932	552

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Service Industries. *Motion Picture Industry*. U.S. Government Printing Office, Washington, D.C., 1985.

NOTES: "Receipts" and "Annual Payroll" in thousands of dollars.
 "Paid Employees" for the week of March 12, 1982.

TABLE 20.17

Summary Statistics for Motion Picture Production, Distribution, and Services for the U.S., Virginia, and Surrounding States: 1982

	Establishments With Payroll			
	Number	Receipts	Annual Payroll	Paid Employees
United States	7,905	\$10,117,034	\$2,451,083	127,209
Virginia	60	42,282	6,413	354
Delaware	5	501	173	15
District of Columbia	58	44,494	9,568	1,107
Florida	158	118,740	15,349	1,158
Georgia	89	88,393	8,630	506
Kentucky	12	(C)	(C)	(C)
Maryland	71	41,926	6,741	371
North Carolina	58	49,127	4,648	308
South Carolina	11	1,323	400	39
Tennessee	38	24,801	5,480	339

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Service Industries. *Motion Picture Industry*. U.S. Government Printing Office, Washington, D.C., 1985.

NOTES: "Receipts" and "Annual Payroll" in thousands of dollars.
 "Paid Employees" for the week of March 12, 1982.
 C—Withheld to avoid disclosing data for individual companies.

TABLE 20.18

Summary Statistics for the Motion Picture Industry, Virginia: 1982

Kind of Business	Establishments With Payroll			
	Number	Receipts	Annual Payroll	Paid Employees
Motion picture production, distribution, and services	60	\$42,282	\$6,413	354
Motion picture production, except for TV	14	(C)	(C)	(C)
Motion picture, tape production for TV	17	5,329	1,745	87
Services allied to motion picture production	17	7,062	2,166	112
Motion picture film exchanges	9	25,951	1,235	101
Film and tape distribution for TV	3	(C)	(C)	(C)
Motion picture theaters	209	74,202	10,147	2,160
Motion picture theaters, except drive-in	153	69,500	9,223	1,932
Drive-in motion picture theaters	56	4,702	924	228

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Service Industries. *Motion Picture Industry*. U.S. Government Printing Office, Washington, D.C., 1985.

NOTES: "Receipts" and "Annual Payroll" in thousands of dollars.
 "Paid Employees" for the week of March 12, 1982.
 C—Withheld to avoid disclosing data for individual companies.

**TABLE 20.19**

Major Sources of Revenue for Museums, Art Galleries, Botanical and Zoological Gardens for the U.S., Virginia, and Surrounding States: 1982

	Establish- ments	Revenue Sources					
		Revenue	Admissions	Membership Fees	Sales	Government or Private Contributions	Other
United States	2,386	\$2,596,952	\$167,957	\$73,836	\$136,516	\$1,887,401	\$331,242
Virginia	53	33,894	16,849	1,055	(C)	6,976	7,803
Kentucky	23	(C)	(C)	(C)	(C)	(C)	(C)
North Carolina	48	7,084	1,023	577	412	3,745	1,327

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Service Industries. *Miscellaneous Subjects*. U.S. Government Printing Office, Washington, D.C., 1985.

NOTES: "Revenue Sources" in thousands of dollars.
 "Sales" includes sales of food, refreshments, alcoholic beverages, and merchandise.
 C—Withheld to avoid disclosing data for individual companies.

TABLE 20.20

Major Sources of Receipts for Producers, Orchestras, and Entertainers for the U.S., Virginia, and Surrounding States: 1982

	Establish- ments	Receipts					
		Total	Admissions	Contract Fees	Sales of Merchandise	Services Provided to the Performing Arts Industry	Other Sources
United States	6,712	\$3,301,101	\$1,273,664	\$1,221,166	\$55,476	\$634,527	\$116,268
Virginia	61	8,339	1,812	4,283	(C)	1,855	(C)
Georgia	67	18,626	9,418	3,774	540	4,565	329

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Service Industries. *Miscellaneous Subjects*. U.S. Government Printing Office, Washington, D.C., 1985.

NOTES: "Receipts" in thousands of dollars.
 C—Withheld to avoid disclosing data for individual companies.

TABLE 20.21
Legislative Appropriations for State Arts Agencies for
the U.S., Virginia, and Surrounding States: 1975-1988

	1988		Total Expenditures				
	Total	Per Capita	1987	1986	1985	1980	1975
United States	\$244,432	\$1.00	\$218,805	\$200,286	\$163,984	\$101,029	\$58,152
Virginia	2,980	.50	2,980	1,948	1,748	1,230	265
Delaware	686	1.07	604	494	450	123	43
District of Columbia	3,544	5.70	2,368	1,673	1,127	356	30
Florida	17,340	1.44	12,710	9,761	9,045	2,378	399
Georgia	3,001	.48	2,688	2,201	1,720	1,102	102
Kentucky	2,032	.55	1,983	1,564	1,536	857	226
Maryland	5,157	1.14	4,776	1,898	1,796	1,345	450
North Carolina	4,485	.70	4,051	3,898	2,881	1,379	222
South Carolina	2,801	.82	2,772	2,556	1,858	941	596
Tennessee ¹	1,523	.31	1,383	3,616	719	517	412
West Virginia	1,811	.95	2,242	2,117	1,849	1,563	360

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In thousands of dollars, except per capita, in dollars.

¹1986 total includes a \$2.5 million one-time gift.



Section 21: Transportation

This section presents data on waterborne commerce, aircraft passengers and cargo, railroads, and highways. It also includes a variety of data on topics related to motor vehicle travel, such as motor vehicle registrations, gasoline use, commuting, and traffic accidents and fatalities.

Virginia has one of the world's largest natural deep-water ports at Hampton Roads. Statistics on the port's commerce are available in *United States Oceanborne Foreign Trade Routes*, issued by the Maritime Administration of the U.S. Department of Transportation. For more detailed data on imports and exports by type of commodity and descriptions of the port's current facilities, the Hampton Roads Maritime Administration publishes *The Port of Greater Hampton Roads Annual*.

Monthly data on the closely watched balance of trade (for both the U.S. and individual states) are available in *Highlights of U.S. Export and Import Trade*, produced each month by the Bureau of the Census.

The Office of Aviation Information Management (U.S. Department of Transportation) releases a report, *Airport Activity Statistics of Certified Route Air Carriers*, which gives data on departures, passengers, and cargo both by state and by airport. The Virginia Department of Aviation compiles additional passenger statistics in "Air Carrier Enplanements at Virginia Airports."

The principle source of information on motor vehicle transportation is *Highway Statistics*, an annual report by the Federal Highway Administration (U.S. Department of Transportation), which contains data on highway funding, drivers licenses and vehicle registrations, gasoline use, traffic fatalities, and many other topics. State statistics on highway finances are collected in *The Book of the States* (Council of State Governments).

In Virginia, the Department of Highways and Transportation provides detailed measurements of highway mileage by type of highway for counties and independent cities; these data appear in the annual *Mileage Tables State Highway Systems*. Readers seeking information on traffic volume should consult another report from this department, *Average Daily Traffic Volumes on Interstate, Arterial, and Primary Routes*. The Virginia Division of Motor Vehicles, in addition to annual reports on vehicle registration counts and licensed drivers by locality, publishes *Virginia Traffic Crash Facts*, a thorough statistical analysis of traffic accidents in the state.

The Bureau of the Census conducts a Census of Transportation (one of the five-year Economic Censuses) that covers such topics as commodity transportation and truck industry and use. In addition, the 1980 Census of Population and Housing includes data on workers' daily journey to their jobs, such as the means of transportation and place of work. The 1980 commuting data for counties and independent cities are reproduced in the Census Bureau's *County and City Data Book, 1983*. The census data on Virginia are the basis for a study available from the Center for Public Service, *Transportation and Commuting in Virginia, 1980*, by Michael A. Spar. This report analyzes commuting patterns in Metropolitan Statistical Areas and other regions throughout the state.

CONCEPTS

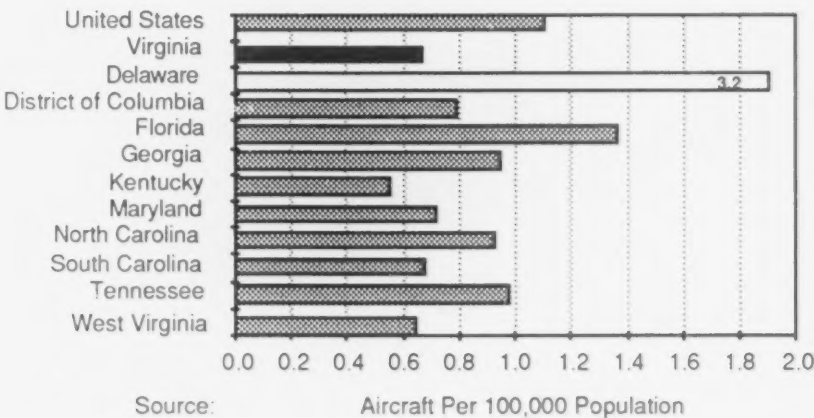
HIGHWAY CLASSIFICATIONS

Interstate. The Interstate system consists of four-lane, divided highways, built largely with federal funds, that meet certain other construction specifications (e.g., limited access, no traffic lights, etc.)

Frontage. This term designates roads built in connection with an interstate highway, running parallel to the interstate to the nearest access point.

Primary/Secondary. The primary/secondary distinction is more a matter of administrative classification (used for allocation of funds) than of different physical specifications in road construction. Primary roads are designed to connect major population centers in the Commonwealth, with inter-city and inter-county traffic. Secondary roads are intended to serve local traffic.

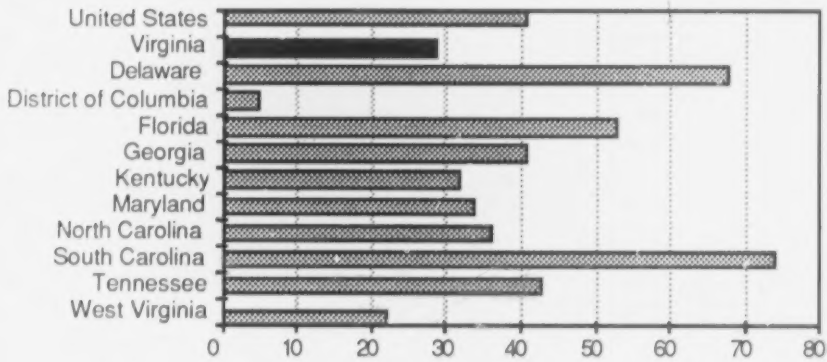
Figure 21.1
Registered General Aviation Aircraft: 1987



Source:
Table 21.34



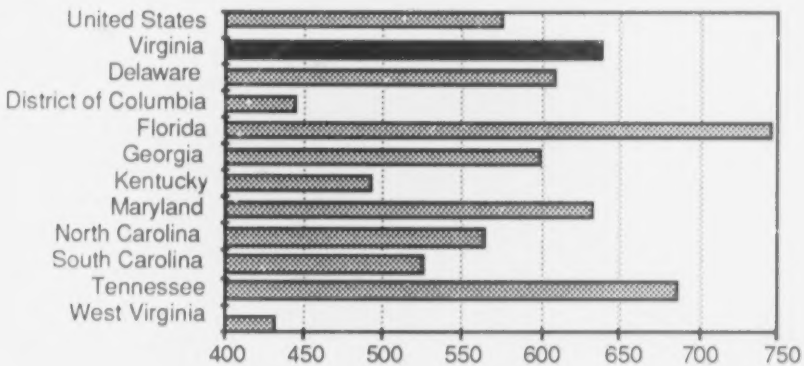
Figure 21.2
Registered Boats: 1986



Source:
Table 21.30

Boats Per 100,000 Population

Figure 21.3
Registered Automobiles: 1987



Source:
Table 21.13

Automobiles Per 100,000 Population

TABLE 21.1

Receipts for Highways for the U.S., Virginia, and Surrounding States: 1986

	Total Receipts	Road- User Tax Revenues	Appropriations from General Funds	Property Taxes	Total Current Income	Bond Proceeds
United States	\$65,373,156	\$34,988,662	\$10,586,560	\$3,671,687	\$58,435,793	\$6,937,363
Virginia	1,449,758	1,087,216	63,040	11,000	1,330,258	119,500
Delaware	242,837	117,303	43,225	...	216,422	26,415
District of Columbia	122,889	74,581	16,282	...	92,028	30,861
Florida	2,996,197	1,558,827	185,843	145,000	2,418,849	577,348
Georgia	1,536,114	765,880	393,275	2,220	1,362,028	174,086
Kentucky	1,040,880	695,181	99,169	4,600	937,974	102,906
Maryland	1,429,378	926,164	179,073	19,000	1,296,038	133,340
North Carolina	1,283,853	1,033,376	155,381	2,382	1,271,903	11,950
South Carolina	617,339	516,979	55,882	...	617,339	...
Tennessee	1,028,752	832,678	70,663	40,300	1,015,016	13,736
West Virginia	700,491	331,454	113,200	...	567,301	133,190

SOURCE: U.S. Department of Transportation, Federal Highway Administration. *Highway Statistics 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In thousands of dollars.

"Total Receipts" include categories not shown in this table.

"Bond Proceeds" include interest earned on Highway Trust Fund reserves.

TABLE 21.2

Disbursements of State Highway Funds for the U.S., Virginia, and Surrounding States: 1980-1986

1984								
State Highway Agencies								
1986 Total	1985 Total	Total	Capital Outlays	Mainte- nance	Law En- forcement & Safety	1983 Total	1980 Total	
United States	\$44,200	\$40,891	\$35,623	\$16,992	\$5,884	\$2,528	\$32,248	\$30,049
Virginia	1,339	1,165	952	405	305	69	909	894
Delaware	241	234	209	100	24	17	188	152
District of Columbia	187	142	99	42	25	4	94	57
Florida	1,778	1,647	1,242	647	128	75	1,205	1,261
Georgia	1,108	1,115	812	521	135	50	945	762
Kentucky	1,004	901	807	437	121	34	770	913

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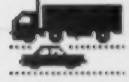


TABLE 21.2

Disbursements of State Highway Funds for the U.S., Virginia,
and Surrounding States: 1980–1986, *CONTINUED*

	1984						
	State Highway Agencies						1980 Total
	1986 Total	1985 Total	Total	Capital Outlays	Mainte- nance	Law En- forcement & Safety	
Maryland	1,293	988	879	400	121	63	663
North Carolina	955	986	845	341	279	91	807
South Carolina	441	420	404	217	106	29	309
Tennessee	824	800	710	413	109	31	609
West Virginia	593	562	516	271	107	20	672

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In millions of dollars. Comprises disbursements from current revenues or loans for construction, maintenance, interest and principal payments on highway bonds, transfers to local units, and miscellaneous. Includes transactions by State toll authorities. Excludes amounts allocated for collection and nonhighway purposes, and bonds redeemed by refunding.
 1984–Total includes funds for administration and miscellaneous, bond interest, bond redemption, and county and local roads and streets.
 Capital Outlays are for roads and bridges.
 Maintenance includes traffic services.

TABLE 21.3

Federal Highway Trust Fund Receipts and Federal-Aid Apportionments
for the U.S., Virginia, and Surrounding States: 1956–1987

	Payments into the Fund		Apportionments from the Fund	
	Fiscal Year 1987	Cumulated Since 7–1–56	Fiscal Year 1987	Cumulated Since 7–1–56
United States	\$11,793,498	\$177,714,648	\$13,707,422	\$205,688,382
Virginia	297,812	4,250,782	273,639	5,820,223
Delaware	36,453	527,489	50,047	829,163
District of Columbia	17,040	370,862	86,544	1,434,397
Florida	549,006	7,093,900	463,119	6,865,221
Georgia	408,094	5,034,205	341,792	5,284,350
Kentucky	174,608	2,906,574	175,561	3,680,438
Maryland	217,209	3,049,334	334,438	4,905,771
North Carolina	360,255	4,953,472	338,063	4,166,535
South Carolina	196,546	2,569,298	209,998	2,409,869
Tennessee	289,052	3,978,862	273,392	4,436,310
West Virginia	88,710	1,456,391	172,110	3,643,781

SOURCE: U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In thousands of dollars.
 Payments into the Fund include total Federal highway trust fund receipts that are reported by the U.S. Department of the Treasury. Payments into the highway trust fund attributable to highway users in each state are estimated by the Federal Highway Administration. Includes revenues from highway-user taxes only. Excludes interest.
 Apportionments from the Fund exclude apportionments for bridges over Federal dams, Indian reservation roads, highway safety information, and rural transportation assistance.

TABLE 21.4
State Gasoline Tax Rates and Motor Fuel Tax Receipts
for Virginia and Surrounding States: 1984-1987

	Rate				Receipts		
	1987	1986	1985	1984	1986	1985	1984
Virginia ¹	17.5¢	15.0¢	11.0¢	11.0¢	\$443	\$401	\$413
Delaware	16	13.0	11.0	11.0	42	40	39
District of Columbia	15.5	15.5	15.5	15.5	25	25	27
Florida	9.7	9.7	9.7	9.7	596	552	538
Georgia	7.5	7.5	7.5	7.5	293	278	273
Kentucky ¹	15	15.0	10.0	10.0	239	192	197
Maryland	18.5	13.5	13.5	13.5	311	299	294
North Carolina	15.5	15.5	12.0	12.0	489	409	407
South Carolina	15	13.0	13.0	13.0	255	248	244
Tennessee ²	17	17.0	13.0	10.0	396	295	261
West Virginia	10.5	10.5	10.5	10.5	103	101	101

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States*, 1989. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Rate" in cents per gallon; rate in effect on December 31.

"Receipts" in millions of dollars; figures represent net receipts.

¹Trucks or combinations with more than 2 axles pay tax of 2 cents per gallon more in Kentucky, and 3.5 cents more in Virginia.

²Includes 1 cent per gallon inspection fee.

TABLE 21.5
Gasoline Use for the U.S., Virginia, and Surrounding States: 1987

	Total	Highway				Nonhighway	
		Private & Commercial	Public		Private & Commercial		State, County, Municipal
			Federal	State, County, Municipal			
United States	132,501,299	125,296,743	238,242	2,213,262	3,370,649	737,755	
Virginia	3,525,322	3,385,561	5,777	54,567	60,795	18,189	
Delaware	397,359	378,517	451	4,791	11,132	1,597	
District of Columbia	203,465	191,800	3,613	2,774	4,100	925	
Florida	6,700,629	6,202,278	9,864	175,330	216,894	58,443	
Georgia	4,203,951	4,041,952	6,854	52,291	90,561	17,430	
Kentucky	2,211,961	2,069,171	3,267	53,612	49,485	17,871	
Maryland	2,384,975	2,286,447	4,835	23,108	56,937	7,703	
North Carolina	3,901,910	3,664,283	3,611	87,312	84,419	29,104	
South Carolina	1,962,764	1,839,439	3,375	31,799	71,947	10,600	
Tennessee	3,293,081	3,140,636	6,645	47,912	54,372	15,971	
West Virginia	978,576	904,690	1,528	41,399	15,006	13,800	

SOURCE: U.S. Department of Transportation, Federal Highway Administration. *Highway Statistics 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In thousands of gallons. Gasohol included with gasoline.

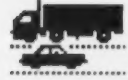


TABLE 21.6
Urban Public Road and Street Mileage for the
U.S., Virginia, and Surrounding States: 1987

	Total	Interstate	Other Freeways & Express- ways	Other Principal Arterial	Minor Arterial	Collector	Local
United States	710,188	11,217	7,390	50,483	74,984	76,860	489,254
Virginia	14,494	292	154	978	1,629	1,348	10,093
Delaware	1,548	41	...	128	131	171	1,077
District of Columbia	1,102	12	23	94	156	150	667
Florida	32,025	388	262	1,835	2,427	4,676	22,437
Georgia	20,173	359	130	1,431	2,080	1,829	14,344
Kentucky	7,551	173	84	488	999	893	4,914
Maryland	11,836	225	185	882	941	1,177	8,426
North Carolina	18,306	206	209	1,667	2,159	1,362	12,703
South Carolina	9,316	117	34	685	890	1,151	6,439
Tennessee	15,132	274	...	1,275	934	1,774	10,875
West Virginia	2,971	90	65	200	313	402	1,901

SOURCE: U.S. Department of Transportation, Federal Highway Administration. *Highway Statistics 1987*. U.S. Government Printing Office, Washington, D.C., annual.

TABLE 21.7
Vehicle Miles of Travel on Urban Roads for the
U.S., Virginia, and Surrounding States: 1987

	Total	Interstate	Other Freeways & Express- ways	Other Principal Arterial	Minor Arterial	Collector	Local
United States	1,142,580	245,339	109,900	304,673	224,107	95,964	162,597
Virginia	29,741	7,140	1,784	7,519	6,554	2,001	4,743
Delaware	3,309	864	...	1,178	460	328	479
District of Columbia	3,368	427	436	1,081	780	316	328
Florida	63,684	8,833	3,654	17,347	13,239	8,537	12,074
Georgia	32,644	9,436	1,254	7,926	6,506	2,324	5,198
Kentucky	12,716	2,905	496	2,871	3,318	1,365	1,761
Maryland	24,200	7,137	2,484	7,403	3,581	1,955	1,640
North Carolina	24,964	2,632	1,960	8,085	4,879	1,033	6,375
South Carolina	10,830	1,781	320	4,168	2,706	1,227	628
Tennessee	21,643	4,865	...	8,086	3,315	2,206	3,171
West Virginia	3,846	863	360	1,005	849	481	288

SOURCE: U.S. Department of Transportation, Federal Highway Administration. *Highway Statistics 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In millions of vehicle miles.

TABLE 21.8**Rural Public Road and Street Mileage for the U.S., Virginia, and Surrounding States: 1987**

	Total	Inter- state	Principal Arterial	Minor Arterial	Major Collector	Minor Collector	Local
United States	3,163,838	33,111	80,719	147,254	435,413	294,799	2,172,542
Virginia	51,631	767	1,516	3,563	10,191	2,395	31,999
Delaware	3,793	...	153	182	606	154	2,698
District of Columbia	...	...	...	...	...	...	...
Florida	68,398	966	2,508	3,604	4,610	5,336	51,374
Georgia	86,594	884	2,682	5,891	14,005	7,328	55,804
Kentucky	62,078	579	1,486	1,834	7,268	9,302	41,609
Maryland	16,129	169	495	1,145	1,909	1,898	10,513
North Carolina	74,928	599	2,058	2,044	10,474	9,143	50,610
South Carolina	54,104	673	1,539	3,420	8,520	4,015	35,937
Tennessee	68,559	788	1,044	4,164	5,457	10,806	46,300
West Virginia	32,202	389	513	1,739	6,366	2,171	21,024

SOURCE: U.S. Department of Transportation, Federal Highway Administration. *Highway Statistics 1987*. U.S. Government Printing Office, Washington, D.C., annual.

TABLE 21.9**Vehicle Miles of Travel on Rural Roads for the U.S., Virginia, and Surrounding States: 1987**

	Total	Interstate	Other Principal Arterial	Minor Arterial	Major Collector	Minor Collector	Local
United States	781,747	171,866	155,446	146,528	174,176	44,488	89,243
Virginia	25,093	5,866	4,837	5,228	5,710	435	3,017
Delaware	2,777	...	1,077	600	588	64	448
District of Columbia	...	...	...	...	...	...	...
Florida	29,955	7,740	8,870	5,806	2,702	1,555	3,282
Georgia	27,649	7,026	4,722	6,653	5,342	822	3,084
Kentucky	17,604	3,923	3,239	2,242	4,516	1,766	1,918
Maryland	12,293	2,464	3,189	2,812	2,020	749	1,059
North Carolina	29,636	4,810	5,207	3,209	9,660	3,228	3,422
South Carolina	19,394	4,868	3,432	4,184	4,252	634	2,024
Tennessee	20,483	5,855	2,449	5,662	2,899	2,097	1,521
West Virginia	9,896	1,888	1,313	2,072	3,520	338	765

SOURCE: U.S. Department of Transportation, Federal Highway Administration. *Highway Statistics 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In millions of vehicle miles.



TABLE 21.10
Highway Mileage by Type for Virginia's Counties, Cities, and Towns: 1987

	Total	Interstate	Primary	Secondary	Frontage	Urban System
Virginia	63,033.62	1,088.95	7,946.20	44,881.06	330.04	8,787.37
Counties						
Accomack	677.77	...	104.98	572.79	...	...
Albemarle	937.43	31.03	146.52	756.13	3.75	...
Alleghany	389.75	38.04	74.07	265.89	11.75	...
Amelia	393.94	...	39.44	353.96	0.54	...
Amherst	632.09	...	90.71	540.08	1.30	...
Appomattox	475.28	...	51.14	424.14	...	...
Arlington	53.29	10.96	38.15	...	4.18	...
Augusta	1,170.44	41.41	161.87	960.92	6.24	...
Bath	316.99	...	74.80	242.19	...	...
Bedford	1,051.03	...	152.80	897.95	0.28	...
Bland	307.45	20.39	77.66	207.29	2.11	...
Botetourt	635.60	26.86	84.67	509.56	14.51	...
Brunswick	695.27	20.77	87.66	584.96	1.88	...
Buchanan	523.11	...	73.14	449.97	...	...
Buckingham	661.02	...	96.34	564.62	0.06	...
Campbell	754.19	...	111.34	639.14	3.71	...
Caroline	575.75	15.54	95.87	462.34	2.00	...
Carroll	937.25	24.29	92.97	819.99	...	...
Charles City	178.99	...	45.00	133.99	...	...
Charlotte	589.67	...	113.44	475.27	0.96	...
Chesterfield	1,209.38	15.15	107.47	1,085.53	1.23	...
Clarke	258.71	...	46.85	209.84	2.02	...
Craig	239.44	...	59.66	179.78	...	...
Culpeper	508.98	...	74.08	432.30	2.60	...
Cumberland	343.04	...	50.54	292.50	...	...
Dickenson	469.22	...	79.70	389.52	...	...
Dinwiddie	645.37	24.68	88.62	528.53	3.54	...
Essex	307.79	...	43.55	264.24	...	...
Fairfax	2,353.48	51.20	153.01	2,124.02	25.25	...
Fauquier	890.59	21.93	103.50	753.15	12.01	...
Floyd	673.02	...	54.80	618.22	...	...
Fluvanna	338.76	...	51.14	287.62	...	...
Franklin	1,098.36	...	94.82	1,001.61	1.93	...
Frederick	658.18	25.46	100.36	529.51	2.85	...
Giles	402.18	...	75.67	326.36	0.15	...
Gloucester	338.84	...	55.74	282.19	0.91	...
Goochland	387.94	27.99	75.12	276.90	7.93	...
Grayson	764.92	...	108.61	655.59	0.72	...
Greene	206.61	...	27.14	179.47	...	...
Greensville	345.67	17.14	27.33	292.19	9.01	...
Halifax	993.81	...	147.94	845.81	0.06	...
Hanover	791.33	30.26	89.08	667.23	4.76	...
Henrico	164.75	49.02	106.31	...	9.42	...
Henry	751.92	...	100.71	649.26	1.95	...
Highland	285.69	...	71.20	214.49	...	...
Isle of Wight	495.68	...	81.98	409.19	4.51	...
James City	256.66	8.70	55.20	189.24	3.52	...
King and Queen	345.10	...	51.99	293.11	...	...
King George	234.75	...	75.41	159.25	0.09	...
King William	309.73	...	46.97	262.76	...	...
Lancaster	258.39	...	57.27	200.59	0.53	...
Lee	655.27	...	105.55	549.72	...	...
Loudoun	853.17	...	118.79	732.45	1.93	...
Louisa	620.57	16.55	119.49	479.68	4.85	...
Lunenburg	566.53	...	63.19	503.18	0.16	...

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TABLE 21.10
Highway Mileage by Type for Virginia's Counties,
Cities, and Towns: 1987, *CONTINUED*

	Total	Interstate	Primary	Secondary	Frontage	Urban System
Madison	366.57	...	62.84	303.25	0.48	...
Mathews	172.33	...	33.65	138.68	...	...
Mecklenburg	887.06	18.13	158.81	707.67	2.45	...
Middlesex	199.48	...	46.86	152.43	0.19	...
Montgomery	511.21	20.94	64.93	420.63	4.71	...
Nelson	574.31	...	108.80	465.41	0.10	...
New Kent	276.11	20.07	67.68	187.56	0.80	...
Northampton	277.99	...	48.76	228.53	0.70	...
Northumberland	351.66	...	44.49	307.17	...	...
Nottoway	389.64	...	82.46	304.97	2.21	...
Orange	435.71	...	88.60	347.11	...	...
Page	354.69	...	53.14	301.19	0.36	...
Patrick	721.64	...	95.68	625.96	...	...
Pittsylvania	1,670.64	...	173.53	1,491.01	6.10	...
Powhatan	286.14	...	49.99	236.15	...	...
Prince Edward	477.45	...	70.06	404.47	2.92	...
Prince George	371.45	20.59	76.59	263.40	10.87	...
Prince William	802.97	24.74	88.97	684.29	4.97	...
Pulaski	435.80	17.54	36.08	360.78	21.40	...
Rappahannock	275.55	...	57.44	217.91	0.20	...
Richmond	239.43	...	33.33	206.01	0.09	...
Roanoke	589.56	17.68	67.12	497.76	7.00	...
Rockbridge	776.01	47.97	116.56	605.28	6.20	...
Rockingham	1,052.60	20.66	162.89	864.71	4.34	...
Russell	675.81	...	110.83	564.98	...	...
Scott	797.46	...	110.83	683.18	3.45	...
Shenandoah	771.21	32.04	94.01	643.25	1.91	...
Smyth	558.83	22.19	88.54	442.06	6.04	...
Southampton	765.11	...	95.31	669.37	0.43	...
Spotsylvania	575.27	12.39	67.23	487.63	8.02	...
Stafford	427.60	15.74	45.03	365.87	0.96	...
Surry	298.84	...	48.71	250.13	...	...
Sussex	571.29	17.51	88.04	454.86	10.88	...
Tazewell	590.12	...	130.09	459.12	0.91	...
Warren	247.13	14.66	35.49	195.02	1.96	...
Washington	907.94	26.84	118.92	749.22	12.96	...
Westmoreland	398.41	...	66.99	331.42	...	...
Wise	498.37	...	105.89	391.12	1.36	...
Wythe	594.55	40.22	72.15	453.75	28.43	...
York	276.55	13.65	45.81	207.69	9.40	...
Cities						
Alexandria	203.13	4.48	...	...	...	198.65
Bedford	38.28	...	...	...	...	38.28
Bristol	119.60	9.17	...	...	...	110.43
Buena Vista	41.13	...	...	...	...	41.13
Charlottesville	134.57	0.17	...	...	...	134.40
Chesapeake	742.15	17.43	5.89	...	...	718.83
Clifton Forge	21.95	1.55	...	...	...	20.40
Colonial Heights	77.31	3.57	...	...	...	73.74
Covington	38.25	1.40	...	...	...	36.85
Danville	198.45	...	...	...	...	198.45
Emporia	25.39	...	...	...	...	25.39
Fairfax	67.12	...	...	...	...	67.12
Falls Church	31.28	...	...	...	...	31.28
Franklin	40.88	...	...	...	...	40.88
Fredericksburg	69.54	3.18	...	...	...	66.36

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TABLE 21.10
Highway Mileage by Type for Virginia's Counties,
Cities, and Towns: 1987, *CONTINUED*

	Total	Interstate	Primary	Secondary	Frontage	Urban System
Galax	57.24	...	...	...	...	57.24
Hampton	402.12	15.73	...	...	...	386.39
Harrisonburg	112.80	6.44	...	...	...	106.36
Hopewell	107.40	...	...	...	...	107.40
Lexington	23.72	...	...	...	...	23.72
Lynchburg	323.51	...	...	...	...	323.51
Manassas	68.46	...	...	...	...	68.46
Manassas Park	13.81	...	...	...	...	13.81
Martinsville	95.00	...	...	...	...	95.00
Newport News	444.65	20.10	...	...	...	424.55
Norfolk	745.66	21.40	3.31	...	9.32	711.63
Norton	25.06	...	...	...	...	25.06
Petersburg	183.43	9.19	...	...	...	174.24
Poquoson	48.10	...	...	...	...	48.10
Portsmouth	399.98	5.33	2.80	...	...	391.85
Radford	68.20	...	...	...	...	68.20
Richmond	797.01	17.71	...	...	...	779.30
Roanoke	451.97	5.51	...	...	...	446.46
Salem	127.47	0.42	...	...	...	127.05
South Boston	45.67	...	...	...	...	45.67
Staunton	116.04	...	...	...	...	116.04
Suffolk	641.03	...	119.27	483.85	2.72	35.19
Virginia Beach	1,134.51	2.93	20.44	...	...	1,111.14
Waynesboro	99.61	2.88	...	...	...	96.73
Williamsburg	38.66	...	...	...	...	38.66
Winchester	81.41	0.07	...	...	...	81.34
Towns						
Abingdon	24.61	...	...	...	...	24.61
Altavista	25.33	...	...	...	...	25.33
Ashland	31.18	...	...	...	...	31.18
Big Stone Gap	28.38	...	...	...	...	28.38
Blacksburg	90.31	...	...	...	...	90.31
Blackstone	28.21	...	...	...	...	28.21
Bluefield	24.47	...	...	...	...	24.47
Bridgewater	11.42	...	...	...	...	11.42
Chase City	16.76	...	...	...	...	16.76
Christiansburg	69.08	4.67	...	...	...	64.41
Culpeper	37.61	...	...	...	...	37.61
Ekton	12.96	...	...	...	...	12.96
Farmville	35.84	...	...	...	...	35.84
Front Royal	54.10	...	...	...	...	54.10
Grottoes	14.07	...	...	...	...	14.07
Haymarket	0.84	0.84	...	...	...	...
Herndon	40.16	...	...	...	...	40.16
Leesburg	42.97	...	...	...	...	42.97
Luray	31.11	...	...	...	...	31.11
Marion	34.81	1.17	...	...	...	33.64
Narrows	12.85	...	...	...	...	12.85
New Market	0.85	0.85	...	...	...	...
Pearisburg	13.30	...	...	...	...	13.30
Pulaski	55.19	...	...	...	...	55.19
Richlands	20.46	...	...	...	...	20.46
Rocky Mount	26.03	...	...	...	...	26.03
Saltville	14.55	...	...	...	...	14.55
Smithfield	20.99	...	...	...	...	20.99
South Hill	35.07	...	...	...	...	35.07
Stephens City	0.10	0.10	...	...	...	...

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TABLE 21.10
Highway Mileage by Type for Virginia's Counties,
Cities, and Towns: 1987, *CONTINUED*

	Total	Interstate	Primary	Secondary	Frontage	Urban System
Stony Creek	0.09	0.09	...	...	...	...
South Hill	1.39	1.39	...	...	...	...
Tazewell	19.23	...	...	...	...	19.23
Vienna	62.46	2.93	...	...	...	59.53
Vinton	36.96	...	...	...	...	36.96
Warrenton	25.87	...	...	...	...	25.87
Wise	13.51	...	...	...	...	13.51
Woodstock	18.27	1.79	...	...	...	16.48
Wytheville	70.05	5.53	...	...	...	64.52
MSAs						
Bristol (Va. portion)	1,849.61	36.01	229.75	1,432.40	16.41	135.04
Charlottesville	1,617.37	31.20	224.80	1,223.22	3.75	134.40
Danville	1,869.09	...	173.53	1,491.01	6.10	198.45
Lynchburg	1,735.12	...	202.05	1,179.22	5.01	348.84
Norfolk	5,468.91	105.27	308.46	1,162.97	25.87	3,866.34
Northern Virginia	5,020.74	110.89	443.95	3,906.63	37.29	521.98
Richmond	5,507.79	218.23	705.86	3,379.29	38.55	1,165.86
Roanoke	1,841.56	50.47	151.79	1,007.32	21.51	610.47
Planning Districts						
LENOWISCO	2,018.05	...	322.27	1,624.02	4.81	66.95
Cumberland Plateau	2,322.42	...	393.76	1,863.59	0.91	64.16
Mount Rogers	4,391.80	149.80	558.85	3,327.90	50.26	304.99
New River Valley	2,331.14	43.15	231.48	1,725.99	26.26	304.26
Fifth	2,530.95	91.46	285.52	1,452.99	33.26	667.72
Central Shenandoah	4,033.48	119.36	587.32	2,887.59	16.78	422.43
Lord Fairfax	2,475.76	74.97	329.85	1,878.81	9.10	183.03
Northern Virginia	4,593.14	95.15	398.92	3,540.76	36.33	521.98
Rappahannock-Rapidan	2,540.88	21.93	386.46	2,053.72	15.29	63.48
Thomas Jefferson	2,812.25	47.75	453.09	2,168.31	8.70	134.40
Central Virginia	3,299.71	...	405.99	2,501.31	5.29	387.12
West Piedmont	4,562.04	...	464.74	3,767.84	9.98	319.48
Southside	2,675.03	40.29	394.41	2,138.44	4.39	97.50
Piedmont	3,485.34	...	515.47	2,898.97	6.85	64.05
Richmond Regional	4,122.83	160.20	540.65	2,587.36	24.14	810.48
RADCO	1,882.91	46.85	283.54	1,475.09	11.07	66.36
Northern Neck	1,247.89	...	202.08	1,045.19	0.62	...
Middle Peninsula	1,673.27	...	278.76	1,393.41	1.10	...
Crater	2,626.24	92.77	329.29	1,789.11	34.30	380.77
Southeastern Virginia	4,985.99	47.09	329.00	1,562.41	16.98	3,030.51
Peninsula	1,466.74	58.18	101.01	396.93	12.92	897.70
Accomack-Norhampton	955.76	...	153.74	801.32	0.70	...

SOURCE: Commonwealth of Virginia, Department of Highways and Transportation. *Mileage Tables State Highway Systems*. Richmond, Virginia, annual.

NOTES: Data for Towns are included in State, Metropolitan Statistical Area, and Planning District totals. Excluded from this table are 1,376.25 miles of county road not maintained by the state. Arlington County accounts for 352.14 miles, and Henrico County for 1,024.11 miles. A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654. A map showing the boundaries of the planning districts is on page 604 and a table showing their composition is on page 653.



TABLE 21.11
Motor Vehicle Drivers Licenses for Virginia
and Surrounding States: 1985 and 1987

	1987			1985		
	Learner Permits	Drivers Licenses	Estimated Total Licenses in Force 1987	Learner Permits	Drivers Licenses	Estimated Total Licenses in Force 1985
Virginia	126,078	1,523,485	4,053,303	119,909	1,056,044	3,804,113
Delaware	32,281	115,678	462,514	30,636	113,713	447,937
District of Columbia	36,895	107,031	388,835	27,259	81,024	384,736
Florida	NA	2,310,652	8,593,062	NA	2,347,873	8,016,239
Georgia	153,578	1,002,509	3,958,803	142,829	1,165,515	3,910,454
Kentucky	144,345	646,210	2,338,005	135,293	657,742	2,248,381
Maryland	115,807	801,229	3,009,476	116,262	840,599	2,907,494
North Carolina	112,553	1,087,497	4,318,723	107,289	1,055,635	4,122,866
South Carolina	137,221	546,870	2,195,348	132,353	735,523	2,131,895
Tennessee	12,517	753,140	3,156,826	40,014	1,202,945	3,025,458
West Virginia	45,197	399,318	1,276,320	42,236	390,946	1,298,585

SOURCE: U.S. Department of Transportation, Federal Highway Administration. *Highway Statistics 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Drivers Licenses" include operator and chauffeur licenses.
 "Estimated Total Licenses in Force" exclude "motorcycle only" licenses.
 NA—Not available.

TABLE 21.12
Licensed Drivers in Virginia's Counties and Cities: 1984–1988

	1988	1987	1986	1985	1984
Virginia	4,100,768	4,022,551	3,907,924	3,775,217	3,728,892
Counties					
Accomack	22,795	22,706	22,401	21,933	21,888
Albemarle	45,091	43,894	42,370	40,683	39,711
Alleghany	9,896	9,989	9,914	9,892	9,929
Amelia	6,114	5,933	5,718	5,539	5,566
Amherst	18,469	18,149	17,801	17,490	17,451
Appomattox	10,769	10,737	10,786	10,306	10,131
Arlington	126,225	125,231	123,254	120,537	120,186
Augusta	41,282	40,866	40,491	40,315	40,322
Bath	3,735	3,773	3,753	3,814	3,842
Bedford	32,485	31,142	29,713	28,148	27,401
Bland	4,070	4,060	4,011	3,993	4,004
Botetourt	17,834	17,587	17,085	16,591	16,339
Brunswick	9,584	9,611	9,606	9,447	9,400
Buchanan	21,747	21,926	21,975	21,771	21,986
Buckingham	7,836	7,743	7,545	7,353	7,400
Campbell	34,138	33,881	33,385	32,836	32,724
Caroline	12,469	12,237	11,927	11,590	11,497
Carroll	18,653	18,369	18,091	17,736	17,653
Charles City	4,539	4,497	4,392	4,306	4,361
Charlotte	8,070	8,095	8,001	7,830	7,780

CONTINUED ➡

TABLE 21.12

Licensed Drivers in Virginia's Counties and Cities: 1984-1988, *CONTINUED*

	1988	1987	1986	1985	1984
Chesterfield	141,055	134,144	126,779	118,753	114,620
Clarke	7,834	7,607	7,366	7,169	7,063
Craig	3,102	3,077	3,006	2,896	2,883
Culpeper	18,173	17,430	16,647	15,924	15,708
Cumberland	5,214	5,168	4,975	4,859	4,871
Dickenson	11,439	11,519	11,491	11,436	11,652
Dinwiddie	14,008	13,860	13,692	13,567	13,523
Essex	6,254	6,191	6,099	5,893	5,874
Fairfax	582,610	564,912	542,987	515,486	500,004
Fauquier	34,289	32,852	30,816	28,835	27,804
Floyd	8,288	8,192	8,085	7,859	7,774
Fluvanna	7,996	7,651	7,420	7,068	6,974
Franklin	26,427	25,586	24,525	23,724	23,427
Frederick	31,645	30,140	28,617	27,207	26,709
Giles	11,666	11,589	11,524	11,406	11,532
Gloucester	20,470	19,691	18,712	17,557	16,629
Goochland	9,478	9,228	8,823	8,465	8,389
Grayson	11,473	11,425	11,240	11,121	11,058
Greene	6,671	6,323	6,143	5,863	5,815
Greensville	6,764	6,902	6,802	6,681	6,711
Halifax	20,300	20,141	19,989	19,600	19,692
Hanover	44,718	42,528	40,502	38,791	37,910
Henrico	151,539	147,671	142,584	137,908	135,631
Henry	41,847	41,694	41,060	40,279	40,317
Highland	1,935	1,925	1,942	2,001	2,070
Isle of Wight	17,116	16,818	16,307	15,686	15,372
James City	22,929	21,639	20,096	18,454	17,559
King and Queen	4,343	4,294	4,219	4,143	4,090
King George	8,758	8,291	7,903	7,514	7,363
King William	7,371	7,212	7,001	6,798	6,718
Leicester	8,248	8,147	7,900	7,592	7,439
Lee	15,361	15,344	15,144	14,873	14,954
Loudoun	60,717	57,547	53,434	49,398	47,040
Louisa	13,650	13,299	12,849	12,435	12,221
Lunenburg	7,818	7,874	7,842	7,725	7,804
Madison	7,522	7,423	7,255	7,065	7,033
Mathews	6,273	6,286	6,185	6,093	6,067
Mecklenburg	18,934	18,962	18,785	18,416	18,383
Middlesex	6,498	6,357	6,193	5,919	5,824
Montgomery	42,250	41,058	39,586	38,022	37,197
Nelson	8,484	8,407	8,184	7,993	8,005
New Kent	7,564	7,221	6,823	6,432	6,283
Northampton	8,860	8,923	8,905	8,744	8,621
Northumberland	7,962	7,896	7,713	7,485	7,483
Nottoway	9,351	9,390	9,276	9,159	9,135
Orange	14,735	14,332	13,824	13,194	12,919
Page	14,465	14,167	13,783	13,399	13,297
Patrick	11,911	11,791	11,619	11,329	11,285
Pittsylvania	43,338	44,544	43,909	43,368	43,285
Powhatan	9,364	9,038	8,604	8,242	8,128
Prince Edward	9,705	9,623	9,401	9,158	9,134
Prince George	15,819	15,388	14,820	14,473	14,330
Prince William	137,649	129,585	121,547	113,657	110,276
Pulaski	23,607	23,314	23,018	22,656	22,739
Rappahannock	4,826	4,745	4,595	4,446	4,375
Richmond	5,296	5,265	5,142	5,045	4,990
Roanoke	58,595	58,077	57,090	56,008	55,510
Rockbridge	13,104	13,073	12,951	12,912	13,036
Rockingham	40,692	40,019	39,294	38,720	38,792
Russell	18,709	18,632	18,497	18,179	18,352

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TABLE 21.12
Licensed Drivers in Virginia's Counties and Cities: 1984–1988, *CONTINUED*

	1988	1987	1986	1985	1984
Scott	15,841	15,884	15,825	15,415	15,532
Shenandoah	22,685	22,306	21,722	20,952	20,503
Smyth	21,868	21,911	21,632	21,246	21,226
Southampton	11,682	11,765	11,789	11,858	11,702
Spotsylvania	34,651	31,620	29,032	26,788	25,736
Stafford	35,874	33,437	31,152	29,161	28,522
Surry	4,437	4,385	4,293	4,196	4,201
Sussex	6,908	6,929	6,890	6,837	6,878
Tazewell	32,339	32,524	32,578	32,235	32,561
Warren	18,670	17,928	17,070	16,141	15,851
Washington	32,364	32,158	31,501	30,830	30,798
Westmoreland	10,859	10,645	10,257	9,983	9,917
Wise	28,370	28,720	28,543	28,172	28,417
Wythe	17,859	17,582	17,311	16,870	16,894
York	26,826	25,909	24,797	23,729	23,637
Cities					
Alexandria	92,581	91,837	90,218	87,783	87,028
Bedford	3,675	3,672	3,642	3,516	3,351
Bristol	11,173	11,328	11,325	11,116	11,153
Buena Vista	4,209	4,152	4,038	3,894	3,852
Charlottesville	23,345	23,180	23,128	22,925	23,266
Chesapeake	95,845	93,251	89,268	84,433	82,367
Clifton Forge	2,907	2,930	2,944	2,900	2,864
Colonial Heights	12,564	12,511	12,456	12,295	12,319
Covington	4,905	5,061	5,143	5,191	5,215
Danville	29,253	28,316	28,309	28,262	28,746
Emporia	2,601	2,445	2,424	2,439	2,476
Fairfax	16,231	16,250	15,294	14,862	14,972
Falls Church	12,110	12,152	11,885	11,993	12,468
Franklin	4,612	4,508	4,356	4,171	4,197
Fredericksburg	12,891	12,673	12,233	11,637	11,452
Galax	4,016	4,032	3,987	3,877	3,898
Hampton	84,324	83,945	82,406	80,521	80,384
Harrisonburg	14,574	14,044	13,100	12,209	11,675
Hopewell	15,647	15,792	15,807	15,720	15,833
Lexington	3,424	3,452	3,358	3,215	3,186
Lynchburg	40,130	40,418	40,119	40,175	40,315
Manassas	16,798	15,394	13,789	12,485	11,998
Manassas Park	4,022	3,953	3,764	3,654	3,640
Martinsville	10,197	10,343	10,268	10,237	10,263
Newport News	102,642	101,170	99,423	96,667	96,410
Norfolk	131,684	134,270	134,716	133,902	135,637
Norton	2,053	2,052	2,113	2,164	2,330
Petersburg	23,051	23,324	23,346	23,142	23,421
Poquoson	7,690	7,494	7,183	6,781	6,640
Portsmouth	62,885	63,638	63,660	63,315	63,720
Radford	7,094	7,002	6,985	6,848	6,782
Richmond	129,097	131,422	132,093	132,344	134,510
Roanoke	65,247	65,987	65,566	64,511	64,925
Salem	16,145	16,036	15,825	15,744	15,717
South Boston	4,065	4,045	3,982	3,988	4,026
Staunton	14,039	13,808	13,222	12,840	12,891
Suffolk	32,627	32,122	31,449	30,510	30,165
Virginia Beach	234,371	227,515	216,413	202,249	194,289
Waynesboro	11,614	11,357	10,835	10,062	10,084
Williamsburg	6,646	6,622	6,615	6,451	6,403
Winchester	13,731	13,485	13,066	12,586	12,388

CONTINUED ➡

TABLE 21.12

Licensed Drivers in Virginia's Counties and Cities: 1984-1988, *CONTINUED*

	1988	1987	1986	1985	1984
MSAs					
Bristol (Va. portion)	59,378	59,370	58,651	57,361	57,483
Charlottesville	83,103	81,048	79,061	76,539	75,766
Danville	72,591	72,860	72,218	71,630	72,031
Lynchburg	92,737	92,448	91,305	90,501	90,490
Norfolk	828,939	817,266	794,738	764,569	753,849
Northern Virginia	1,084,817	1,050,298	1,007,324	959,016	936,134
Richmond	578,443	566,624	550,721	534,438	529,258
Roanoke	157,821	157,687	155,566	152,854	152,491
Planning Districts					
LENOWISCO	61,625	62,000	61,625	60,624	61,233
Cumberland Plateau	84,234	84,601	84,541	83,621	84,551
Mount Rogers	121,476	120,865	119,098	116,789	116,684
New River Valley	92,905	91,155	89,198	86,791	86,024
Fifth	178,631	178,744	176,573	173,733	173,382
Central Shenandoah	148,608	146,469	143,024	139,982	139,750
Lord Fairfax	109,030	105,633	101,624	97,454	95,811
Northern Virginia	1,048,943	1,016,861	976,172	929,855	907,612
Rappahannock-Rapidan	79,545	76,782	73,137	69,464	67,839
Thomas Jefferson	105,237	102,754	100,094	96,967	95,992
Central Virginia	139,666	138,006	135,446	132,471	131,373
West Piedmont	162,973	162,274	159,690	157,199	157,323
Southside	52,883	52,759	52,362	51,451	51,501
Piedmont	54,108	53,826	52,758	51,623	51,690
Richmond Regional	497,354	485,749	470,600	455,241	449,832
RADCO	104,643	98,258	92,247	86,690	84,572
Northern Neck	32,365	31,953	31,012	30,105	29,829
Middle Peninsula	51,209	50,031	48,409	46,403	45,202
Crater	101,799	101,536	100,530	99,350	99,692
Southeastern Virginia	590,822	583,887	567,958	546,124	537,449
Peninsula	251,057	246,779	240,520	232,603	231,042
Accomack-Northampton	31,655	31,629	31,306	30,677	30,509

SOURCE: Commonwealth of Virginia, Department of Motor Vehicles. "Valid Licensed Drivers By Jurisdiction." Richmond, Virginia, annual. (Computer printout.)

NOTES: A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.



TABLE 21.13
Motor Vehicle Registrations for the U.S.,
Virginia, and Surrounding States: 1970-1987

	Motor- cycles 1987	Automobiles, Trucks, & Buses					
		1987					
		Total	Auto- mobiles	1985 Total	1980 Total	1975 Total	1970 Total
United States	5,148	180,989	139,041	171,654	155,796	132,949	108,418
Virginia	76	4,718	3,711	4,253	3,626	3,251	2,263
Delaware	9	492	386	465	397	351	312
District of Columbia	3	295	278	326	268	255	257
Florida	227	10,943	8,752	9,865	7,614	5,395	4,120
Georgia	125	5,106	3,659	4,580	3,818	3,211	2,584
Kentucky	43	2,745	1,838	2,615	2,593	2,245	1,763
Maryland	84	3,451	2,830	3,276	2,803	2,423	1,872
North Carolina	61	4,934	3,585	4,450	4,532	3,690	2,826
South Carolina	32	2,369	1,782	2,222	1,996	1,772	1,360
Tennessee	123	4,156	3,298	3,754	3,271	2,727	2,050
West Virginia	32	1,195	826	1,143	1,320	966	801

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States, 1989*, U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In thousands. Motor vehicle registrations cover publicly, privately, and commercially owned vehicles. For uniformity, figures have been adjusted to a calendar-year basis as registration years in States differ; figures represent net numbers where possible, excluding re-registrations and nonresident registrations. Data exclude vehicles owned by the military services.

TABLE 21.14A
Vehicle Registration Counts for Virginia's Counties and Cities: 1983-1988

	1988			1987			1986		
	Total	Passenger	Other	Total	Passenger	Other	Total	Passenger	Other
Virginia	4,752.3	4,193.9	558.4	4,660.7	4,116.3	544.3	4,514.4	3,985.3	606.1
Counties									
Accomack	28,410	23,227	5,183	27,957	22,887	4,970	27,075	22,190	4,885
Albemarle	51,682	46,143	5,539	50,332	45,048	5,284	47,812	42,787	5,025
Alleghany	12,266	10,345	1,921	11,938	10,037	1,901	11,967	9,972	1,995
Amelia	8,028	6,718	1,310	7,821	6,572	1,249	7,594	6,333	1,261
Amherst	23,618	20,184	3,434	23,065	19,682	3,383	22,526	19,318	3,208
Appomattox	11,333	9,330	2,003	11,010	9,125	1,885	10,999	9,129	1,870
Arlington	129,148	116,479	12,669	126,511	116,263	10,248	121,412	113,748	7,664
Augusta	51,488	42,444	9,044	50,097	41,068	9,029	49,561	40,438	9,123
Bath	5,100	4,312	788	5,010	4,256	754	4,916	4,166	750
Bedford	42,262	35,992	6,270	40,392	34,484	5,908	38,501	32,846	5,655
Bland	5,040	4,100	940	4,898	3,999	899	4,801	3,939	862
Botetourt	23,528	19,785	3,743	23,113	19,483	3,630	22,354	18,793	3,561
Brunswick	12,011	10,174	1,837	11,897	10,071	1,826	11,512	9,757	1,755
Buchanan	25,867	21,763	4,104	26,067	22,048	4,019	26,660	22,496	4,164
Buckingham	10,025	8,430	1,595	9,791	8,233	1,558	9,610	8,069	1,541

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TABLE 21.14A

Vehicle Registration Counts for Virginia's Counties and Cities: 1983-1988, *CONTINUED*

	1988			1987			1986		
	Total	Passenger	Other	Total	Passenger	Other	Total	Passenger	Other
Campbell	42,813	35,874	6,939	42,180	35,656	6,524	40,974	34,733	6,241
Caroline	16,803	14,219	2,584	16,198	13,720	2,478	15,770	13,445	2,325
Carroll	22,582	19,193	3,389	22,338	18,964	3,374	22,136	18,808	3,328
Charles City	6,255	5,142	1,113	6,157	5,072	1,085	5,955	4,908	1,047
Charlotte	10,212	8,633	1,579	9,961	8,510	1,451	9,799	8,373	1,426
Chesterfield	167,857	148,198	19,659	160,635	142,167	18,468	150,328	132,723	17,605
Clarke	10,518	8,994	1,524	10,177	8,743	1,434	9,777	8,376	1,401
Craig	4,223	3,604	619	4,128	3,531	597	4,038	3,435	603
Culpeper	22,734	19,133	3,601	21,656	18,284	3,372	20,533	17,300	3,233
Cumberland	6,662	5,664	998	6,736	5,660	1,076	6,424	5,460	964
Dickenson	13,021	11,190	1,831	13,005	11,155	1,850	13,203	11,356	1,847
Dinwiddie	17,586	15,159	2,427	17,192	14,876	2,316	16,828	14,546	2,282
Essex	8,159	6,785	1,374	8,091	6,742	1,349	7,857	6,521	1,336
Fairfax	607,923	565,935	41,988	596,270	554,816	41,454	575,054	533,374	41,680
Fauquier	45,554	38,679	6,875	43,688	37,267	6,421	40,579	34,659	5,920
Floyd	11,383	9,516	1,867	11,162	9,384	1,778	10,799	9,129	1,670
Fluvanna	10,629	9,174	1,455	9,977	8,600	1,377	9,394	8,092	1,302
Franklin	35,614	30,040	5,574	34,279	28,950	5,329	32,995	27,906	5,089
Frederick	41,219	34,191	7,028	39,330	32,637	6,693	37,723	31,052	6,671
Giles	14,108	12,222	1,886	14,103	12,218	1,885	13,938	12,094	1,844
Gloucester	25,887	22,058	3,829	25,183	21,484	3,699	23,986	20,452	3,534
Goochland	13,243	11,031	2,212	12,884	10,697	2,187	12,178	10,146	2,032
Grayson	13,430	11,525	1,905	13,269	11,402	1,867	13,032	11,192	1,840
Greene	8,438	7,427	1,011	7,858	6,927	931	7,516	6,641	875
Greensville	7,592	6,416	1,176	7,756	6,615	1,141	7,546	6,476	1,070
Halifax	24,722	21,293	3,429	24,335	20,969	3,366	23,991	20,709	3,282
Hanover	61,312	50,051	11,261	58,162	47,278	10,884	54,920	44,728	10,192
Henrico	174,635	156,587	18,048	170,288	152,904	17,384	164,019	147,141	16,878
Henry	52,162	45,240	6,922	51,388	44,567	6,821	50,844	43,541	7,303
Highland	2,638	2,063	575	2,550	2,027	523	2,546	2,027	519
Isle of Wight	21,449	18,123	3,326	20,823	17,647	3,176	19,927	16,877	3,050
James City	23,552	20,710	2,842	22,362	19,537	2,825	20,847	18,460	2,887
King and Queen	11,695	10,036	1,659	5,944	4,927	1,017	5,703	4,723	980
King George	6,045	4,990	1,055	11,113	9,568	1,545	10,582	9,108	1,474
King William	9,866	8,059	1,807	9,490	7,811	1,679	9,154	7,507	1,647
Lancaster	10,484	8,831	1,653	10,105	8,540	1,565	9,826	8,331	1,495
Lee	16,602	14,518	2,084	16,390	14,355	2,035	16,098	14,054	2,044
Loudoun	75,088	65,145	9,943	71,852	62,449	9,403	66,328	57,826	8,502
Louisa	19,485	16,184	3,301	18,780	15,727	3,053	18,006	15,147	2,859
Lunenburg	9,413	8,170	1,243	9,487	8,272	1,215	9,164	7,952	1,212
Madison	9,807	8,269	1,538	9,439	7,997	1,442	9,168	7,796	1,372
Mathews	8,434	7,059	1,375	8,293	6,917	1,376	7,991	6,705	1,286
Mecklenburg	24,477	20,424	4,053	24,118	20,182	3,936	23,486	19,741	3,745
Middlesex	9,418	7,406	2,012	8,964	7,063	1,901	8,602	6,834	1,768
Montgomery	47,538	42,041	5,497	46,698	41,366	5,332	45,092	39,952	5,140
Nelson	11,598	9,892	1,706	11,337	9,685	1,652	11,068	9,388	1,680
Now Kent	10,182	8,337	1,845	9,729	7,962	1,767	9,108	7,438	1,670
Northampton	10,588	8,887	1,701	10,658	8,979	1,679	10,559	8,866	1,693
Northumberland	11,359	9,001	2,358	10,945	8,796	2,149	10,442	8,400	2,042
Nottoway	11,751	9,940	1,811	11,714	9,959	1,755	11,416	9,690	1,726
Orange	18,900	16,116	2,784	18,326	15,643	2,683	17,480	14,942	2,538
Page	19,427	16,594	2,833	18,526	16,081	2,445	17,696	15,403	2,293
Patrick	16,117	13,648	2,469	15,846	13,441	2,405	15,616	13,184	2,432
Pittsylvania	49,117	42,695	6,422	48,869	42,611	6,258	52,718	45,990	6,728
Powhatan	13,160	10,891	2,269	12,485	10,385	2,100	11,777	9,873	1,904
Prince Edward	11,241	9,850	1,391	11,282	9,854	1,428	10,952	9,591	1,361
Prince George	18,097	15,298	2,799	17,345	14,705	2,640	16,113	13,677	2,436

CONTINUED ➡



TABLE 21.14A
Vehicle Registration Counts for Virginia's Counties
and Cities: 1983-1988, *CONTINUED*

	1988			1987			1986		
	Total	Passenger	Other	Total	Passenger	Other	Total	Passenger	Other
Prince William	158,417	142,682	15,735	151,429	136,441	14,988	142,671	128,486	14,185
Pulaski	28,208	24,383	3,825	27,649	23,955	3,694	27,045	23,486	3,559
Rappahannock	6,653	5,717	936	6,530	5,573	957	6,279	5,379	900
Richmond	6,669	5,351	1,318	6,542	5,146	1,396	6,582	5,159	1,433
Roanoke	70,054	62,624	7,430	68,749	61,491	7,258	66,645	59,318	7,327
Rockbridge	16,730	14,300	2,430	16,057	13,746	2,311	15,960	13,684	2,276
Rockingham	52,561	44,545	8,016	51,230	43,275	7,955	49,385	41,734	7,651
Russell	22,340	19,415	2,925	22,298	19,341	2,957	22,404	19,536	2,868
Scott	17,847	15,945	1,902	17,643	15,686	1,957	17,240	15,368	1,872
Shenandoah	30,479	25,857	4,622	29,474	25,046	4,428	28,610	24,214	4,396
Smyth	25,103	21,665	3,438	25,114	21,638	3,476	24,872	21,431	3,441
Southampton	14,228	11,639	2,589	13,988	11,407	2,581	14,128	11,524	2,604
Spotsylvania	46,778	40,047	6,731	42,020	35,868	6,152	38,888	33,287	5,601
Stafford	47,094	40,535	6,559	43,954	37,925	6,029	41,349	35,722	5,627
Surry	5,882	4,995	887	5,645	4,785	860	5,479	4,662	817
Sussex	8,830	7,494	1,336	8,758	7,413	1,345	8,623	7,302	1,321
Tazewell	36,741	32,174	4,567	36,298	31,750	4,548	36,730	32,119	4,611
Warren	23,339	20,346	2,993	22,452	19,671	2,781	21,265	18,733	2,532
Washington	36,004	31,417	4,587	35,575	31,071	4,504	35,050	30,573	4,477
Westmoreland	15,175	12,655	2,520	14,741	12,279	2,462	14,018	11,687	2,331
Wise	32,922	28,035	4,887	33,327	28,345	4,982	33,519	28,717	4,802
Wythe	21,361	18,237	3,124	20,832	17,772	3,060	20,379	17,350	3,029
York	30,250	26,603	3,647	29,120	25,641	3,479	27,428	24,094	3,334
Cities									
Alexandria	96,270	90,250	6,020	97,078	90,562	6,516	94,913	88,792	6,121
Bedford	4,684	4,147	537	4,436	3,922	514	4,499	3,986	513
Bristol	13,368	11,477	1,891	13,758	11,700	2,058	13,909	11,723	2,186
Buena Vista	4,737	4,272	465	4,688	4,217	471	4,427	3,950	477
Charlottesville	26,553	24,282	2,271	25,142	22,905	2,237	25,434	23,140	2,294
Chesapeake	107,851	94,489	13,362	105,148	92,078	13,070	100,647	88,005	12,642
Clifton Forge	3,155	2,829	326	3,180	2,855	325	3,163	2,829	334
Colonial Heights	14,170	12,811	1,359	14,118	12,782	1,336	14,189	12,802	1,387
Covington	5,826	5,158	668	5,950	5,241	709	6,036	5,309	727
Danville	37,820	34,174	3,646	36,646	33,002	3,644	31,369	28,381	2,988
Emporia	3,299	2,863	436	3,109	2,702	407	3,087	2,683	404
Fairfax	13,810	12,312	1,498	13,868	12,504	1,364	13,464	12,223	1,241
Falls Church	16,225	15,214	1,011	15,503	14,457	1,046	14,292	13,249	1,043
Franklin	5,690	5,032	658	5,884	5,196	688	5,516	4,348	668
Fredericksburg	13,213	11,909	1,304	13,686	12,380	1,306	12,537	11,407	1,130
Galax	5,132	4,194	938	5,125	4,174	951	4,914	4,007	907
Hampton	93,962	85,905	8,057	93,279	85,251	8,028	90,934	82,929	8,005
Harrisonburg	19,430	16,425	3,005	18,360	15,517	2,843	17,526	14,804	2,722
Hopewell	17,375	15,457	1,918	17,281	15,386	1,895	17,691	15,711	1,980
Lexington	3,568	3,368	200	3,619	3,397	222	3,532	3,291	241
Lynchburg	46,257	41,621	4,636	46,607	41,909	4,698	46,470	41,619	4,851
Manassas	19,317	17,428	1,889	17,515	15,790	1,725	15,718	14,095	1,623
Manassas Park	5,480	4,766	714	5,117	4,475	642	4,623	4,176	447
Martinsville	13,032	11,285	1,747	13,036	11,343	1,693	13,041	11,370	1,671
Newport News	105,478	96,475	9,003	104,193	95,128	9,065	102,467	93,495	8,972
Norfolk	153,728	131,907	21,821	157,911	135,287	22,624	157,689	135,211	22,478
Norton	2,424	2,017	407	2,468	2,019	449	2,633	2,186	447
Petersburg	24,684	22,445	2,239	25,000	22,440	2,560	24,902	22,245	2,657
Poquoson	9,408	8,293	1,115	9,289	8,189	1,100	8,839	7,787	1,052
Portsmouth	65,332	60,034	5,298	66,250	61,046	5,204	66,113	60,795	5,318
Radford	8,266	7,352	914	8,252	7,335	917	8,159	7,229	930
Richmond	137,836	121,988	15,848	140,860	124,441	16,419	140,255	124,250	16,005

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TABLE 21.14A
Vehicle Registration Counts for Virginia's Counties
and Cities: 1983-1988, *CONTINUED*

	1988			1987			1986		
	Total	Passenger	Other	Total	Passenger	Other	Total	Passenger	Other
Roanoke	77,881	66,675	11,206	79,025	67,728	11,297	80,009	68,613	11,396
Salem	20,261	17,723	2,538	20,724	18,106	2,618	20,629	17,925	2,704
South Boston	4,816	4,443	373	4,760	4,374	386	4,629	4,242	387
Staunton	18,219	16,427	1,792	17,957	16,102	1,855	16,413	14,784	1,629
Suffolk	38,222	32,752	5,470	37,613	32,223	5,390	36,718	31,514	5,204
Virginia Beach	254,379	232,526	21,853	251,048	229,511	21,537	241,198	219,579	21,619
Waynesboro	15,451	13,950	1,501	14,961	13,483	1,478	14,667	13,210	1,457
Williamsburg	10,173	9,546	627	9,907	9,277	630	9,578	8,940	638
Winchester	17,274	15,248	2,026	17,226	15,084	2,142	16,088	14,120	1,968
MSAs									
Bristol (Va. portion)	67,219	58,839	8,380	66,976	58,457	8,519	66,199	57,664	8,535
Charlottesville	96,070	85,952	10,118	77,651	84,863	22,254	89,252	79,843	9,409
Danville	86,937	76,869	10,068	85,515	75,613	9,902	84,087	74,371	9,716
Lynchburg	112,055	97,461	14,594	75,913	102,565	42,814	108,835	94,636	14,199
Norfolk	916,328	819,551	96,777	870,179	818,464	129,039	882,689	787,613	172,076
Northern Virginia	1,154,482	1,059,411	95,071	465,660	1,071,069	688,835	1,049,137	961,985	87,152
Richmond	660,822	580,221	80,601	286,854	612,329	382,909	613,660	538,040	75,620
Roanoke	191,309	166,505	24,804	172,059	169,679	39,966	188,495	163,681	24,814
Planning Districts									
LENOWISCO	69,795	60,515	9,280	69,828	60,405	9,423	69,490	60,325	9,165
Cumberland Plateau	97,969	84,542	13,427	97,668	84,294	13,374	98,997	85,507	13,490
Mount Rogers	142,020	121,808	20,212	140,909	120,720	20,189	139,093	119,023	20,070
New River Valley	109,503	95,514	13,989	107,864	94,258	13,606	105,033	91,890	13,143
Fifth	217,194	188,743	28,451	216,807	188,472	28,335	214,841	186,194	28,647
Central Shenandoah	189,922	162,106	27,816	184,529	157,088	27,441	178,933	152,088	26,845
Lord Fairfax	142,256	121,230	21,026	137,185	117,262	19,923	131,159	111,898	19,261
Northern Virginia	1,121,678	1,030,211	91,467	1,095,143	1,007,757	87,386	1,048,475	965,969	82,506
Rappahannock-									
Rapidan	103,648	87,914	15,734	99,639	84,764	14,875	94,039	80,076	13,963
Thomas Jefferson	128,385	113,102	15,283	123,426	108,892	14,534	119,230	105,195	14,035
Central Virginia	170,967	147,148	23,819	167,690	144,778	22,912	163,969	141,631	22,338
West Piedmont	203,862	177,082	26,780	200,064	173,914	26,150	196,583	170,372	26,211
Southside	66,026	56,334	9,692	65,110	55,596	9,514	63,618	54,449	9,169
Piedmont	67,332	57,405	9,927	66,792	57,060	9,732	64,959	55,468	9,491
Richmond Regional	584,480	512,225	72,255	571,200	500,906	70,294	548,540	481,207	67,333
RADCO	129,933	111,700	18,233	126,971	109,461	17,510	119,126	102,969	16,157
Northern Neck	43,687	35,838	7,849	42,333	34,761	7,572	40,878	33,577	7,301
Middle Peninsula	73,459	61,403	12,056	65,965	54,944	11,021	63,293	52,742	10,551
Crater	117,515	102,938	14,577	116,204	101,704	14,500	114,458	100,104	14,354
Southeastern									
Virginia	660,879	586,502	74,377	658,665	584,395	74,270	641,936	567,853	73,583
Peninsula	272,823	247,532	25,291	268,150	243,023	25,127	260,093	235,705	101,888
Accomack-									
Northampton	38,998	32,114	6,884	38,515	31,866	6,649	37,634	31,056	6,578

SOURCE: Commonwealth of Virginia, Department of Motor Vehicles. "City/County Vehicle Registration Count." Richmond, Virginia, annual. (Computer printout.)

NOTES: Data for Virginia in thousands.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.



TABLE 21.14B
Vehicle Registration Counts for Virginia's
Counties and Cities: 1983-1988, Continued

	1985			1984			1983		
	Total	Passenger	Other	Total	Passenger	Other	Total	Passenger	Other
Virginia	4,292.8	3,781.3	511.2	4,100.2	3,608.8	491.1	3,925.6	3,454.4	471.0
Counties									
Accomack	25,901	21,149	4,752	25,158	20,489	4,669	24,553	19,999	4,554
Albemarle	46,240	41,317	4,923	43,787	39,225	4,562	41,974	37,569	4,315
Alleghany	11,530	9,614	1,916	10,978	9,201	1,777	10,622	8,903	1,719
Amelia	7,263	6,019	1,244	6,948	5,757	1,191	6,649	5,507	1,142
Amherst	21,668	18,663	3,005	20,904	17,990	2,914	20,059	17,283	2,776
Appomattox	10,634	8,802	1,832	10,287	8,537	1,750	9,777	8,148	1,629
Arlington	116,718	109,188	7,530	112,691	105,653	7,038	107,620	101,224	6,396
Augusta	49,687	40,680	9,007	48,121	39,532	8,589	46,481	38,314	8,167
Bath	4,882	4,101	781	4,809	4,050	759	4,664	3,935	729
Bedford	35,764	30,377	5,387	33,752	28,715	5,037	31,980	27,177	4,803
Bland	4,663	3,810	853	4,494	3,674	820	4,346	3,581	765
Botetourt	21,212	17,825	3,387	20,029	16,903	3,126	18,982	16,042	2,940
Brunswick	11,169	9,441	1,728	10,748	9,046	1,702	10,469	8,814	1,655
Buchanan	26,071	21,926	4,145	25,464	21,322	4,142	25,110	21,027	4,083
Buckingham	9,100	7,577	1,523	8,844	7,345	1,499	8,484	7,054	1,430
Campbell	39,839	33,699	6,140	38,209	32,391	5,818	36,704	31,160	5,544
Caroline	15,058	12,707	2,351	14,269	12,085	2,184	13,690	11,603	2,087
Carroll	21,098	17,961	3,137	20,346	17,295	3,051	19,742	16,760	2,982
Charles City	5,641	4,642	999	5,430	4,485	945	5,221	4,277	944
Charlotte	9,391	8,042	1,349	9,162	7,792	1,370	8,929	7,567	1,362
Chesterfield	138,929	122,065	16,864	130,103	114,501	15,602	119,768	105,341	14,427
Clarke	9,305	7,968	1,337	8,813	7,581	1,232	8,457	7,242	1,215
Craig	3,868	3,306	562	3,753	3,166	587	3,515	2,987	528
Culpeper	19,530	16,326	3,204	18,779	15,594	3,185	18,042	15,006	3,036
Cumberland	5,958	5,076	882	5,729	4,870	859	5,600	4,764	836
Dickenson	13,122	11,236	1,886	12,968	11,103	1,865	13,244	11,342	1,902
Dinwiddie	16,464	14,207	2,257	15,696	13,500	2,196	14,796	12,745	2,051
Essex	7,457	6,186	1,271	7,155	5,925	1,230	6,858	5,669	1,189
Fairfax	539,061	498,228	40,833	506,138	468,016	38,122	474,907	438,862	36,045
Fauquier	37,203	31,869	5,334	34,297	29,378	4,919	32,076	27,487	4,589
Floyd	10,429	8,840	1,334	10,065	8,564	1,501	9,673	8,219	1,454
Fluvanna	8,855	7,594	1,261	8,452	7,222	1,230	8,063	6,883	1,180
Franklin	31,355	26,472	4,883	29,730	25,113	4,617	28,520	24,076	4,444
Frederick	35,001	28,836	6,165	33,207	27,409	5,798	31,619	26,040	5,579
Giles	13,646	11,847	1,799	13,335	11,603	1,732	12,832	11,149	1,683
Gloucester	22,031	18,707	3,324	20,335	17,220	3,115	18,627	15,663	2,964
Goochland	11,277	9,414	1,863	10,797	9,019	1,778	10,034	8,459	1,575
Grayson	12,474	10,699	1,775	12,124	10,411	1,713	11,853	10,169	1,684
Greene	7,151	6,322	829	6,762	5,973	789	6,465	5,694	771
Greensville	7,387	6,325	1,062	7,255	6,186	1,069	7,025	5,949	1,076
Halifax	23,256	20,073	3,183	22,803	19,695	3,108	22,057	19,049	3,008
Hanover	51,363	42,066	9,297	48,727	40,056	8,671	46,509	38,298	8,211
Henrico	155,951	139,650	16,301	150,037	133,870	16,167	145,052	129,376	15,676
Henry	48,826	41,591	7,235	47,220	40,122	7,098	45,719	38,679	7,040
Highland	2,617	2,081	536	2,741	2,199	542	2,645	2,166	479
Isle of Wight	19,131	16,045	3,086	17,976	15,061	2,915	17,158	14,351	2,807
James City	19,047	16,557	2,490	17,671	15,370	2,301	17,153	14,955	2,198
King and Queen	5,428	4,506	922	5,213	4,391	922	5,029	4,149	880
King George	9,800	8,461	1,339	9,137	7,819	1,318	8,692	7,448	1,244
King William	8,699	7,098	1,601	8,229	6,724	1,505	7,958	6,481	1,477
Lancaster	9,322	7,917	1,405	8,831	7,521	1,310	8,593	7,273	1,323
Lee	15,617	13,585	2,032	15,360	13,318	2,042	14,964	12,985	1,979

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TABLE 21.14B
Vehicle Registration Counts for Virginia's
Counties and Cities: 1983-1988, *CONTINUED*

	1985			1984			1983		
	Total	Passenger	Other	Total	Passenger	Other	Total	Passenger	Other
Loudoun	60,052	52,437	7,615	54,934	47,904	7,030	51,366	44,815	6,551
Louisa	16,653	14,094	2,559	15,730	13,367	2,363	14,894	12,702	2,192
Lunenburg	8,961	7,711	1,250	8,776	7,561	1,215	8,516	7,347	1,169
Madison	8,650	7,404	1,246	8,209	7,001	1,208	7,799	6,614	1,185
Mathews	7,823	6,577	1,246	7,469	6,288	1,181	7,182	6,064	1,118
Mecklenburg	22,707	19,153	3,554	22,081	18,646	3,435	21,427	18,086	3,341
Middlesex	8,048	6,441	1,607	7,634	6,143	1,491	7,329	5,915	1,414
Montgomery	42,555	37,644	4,911	40,421	35,668	4,753	38,437	33,892	4,545
Nelson	10,476	8,897	1,579	10,164	8,624	1,540	9,625	8,192	1,433
New Kent	8,429	6,937	1,492	7,917	6,489	1,428	7,327	5,987	1,340
Northampton	10,200	8,554	1,646	9,816	8,180	1,636	9,713	8,088	1,625
Northumberland	9,926	7,933	1,993	9,506	7,602	1,904	9,213	7,361	1,852
Nottoway	11,078	9,410	1,668	10,781	9,091	1,690	10,756	9,084	1,672
Orange	16,407	14,023	2,384	15,625	13,334	2,291	15,032	12,892	2,140
Page	16,638	14,648	1,990	15,911	13,959	1,952	15,358	13,433	1,925
Patrick	14,850	12,552	2,298	14,262	12,099	2,163	13,824	11,702	2,122
Pittsylvania	50,983	44,404	6,579	49,522	43,064	6,458	47,883	41,581	6,302
Powhatan	11,021	9,229	1,792	10,274	8,684	1,590	9,775	8,277	1,498
Prince Edward	10,655	9,312	1,343	10,372	9,074	1,298	9,985	8,715	1,270
Prince George	15,484	13,115	2,369	14,264	11,993	2,271	13,469	11,321	2,148
Prince William	131,567	118,179	13,388	122,304	109,796	12,508	114,171	102,330	11,841
Pulaski	26,284	22,768	3,516	25,433	22,109	3,324	24,622	21,382	3,240
Rappahannock	5,865	5,035	830	5,541	4,767	774	5,294	4,530	764
Richmond	6,199	4,857	1,342	5,844	4,621	1,223	5,660	4,497	1,163
Roanoke	64,823	57,371	7,352	63,379	56,021	7,358	63,273	55,590	7,683
Rockbridge	15,206	12,950	2,256	15,147	12,911	2,236	14,840	12,671	2,169
Rockingham	47,751	40,227	7,524	46,490	39,075	7,415	45,978	38,491	7,487
Russell	21,997	19,207	2,790	21,720	18,917	2,803	21,384	18,679	2,705
Scott	16,696	14,845	1,851	16,321	14,484	1,837	15,987	14,141	1,846
Shenandoah	26,932	22,793	4,139	25,629	21,740	3,889	24,640	20,859	3,781
Smyth	23,999	20,680	3,319	23,202	19,981	3,221	22,755	19,588	3,167
Southampton	13,666	11,105	2,561	13,339	10,871	2,468	12,994	10,565	2,429
Spotsylvania	34,883	29,804	5,079	31,434	27,101	4,333	28,873	24,902	3,971
Stafford	38,310	32,996	5,314	35,755	30,890	4,865	33,591	28,997	4,594
Surry	5,175	4,358	817	4,938	4,151	787	4,776	4,014	762
Sussex	8,377	7,060	1,317	8,129	6,833	1,296	7,932	6,640	1,292
Tazewell	36,123	31,494	4,629	35,321	30,733	4,588	34,944	30,356	4,588
Warren	20,068	17,604	2,464	18,833	16,612	2,221	17,702	15,650	2,052
Washington	33,536	29,205	4,331	32,058	27,866	4,192	31,060	26,995	4,065
Westmoreland	13,283	11,030	2,253	12,609	10,458	2,151	11,988	9,933	2,055
Wise	33,094	28,290	4,804	32,501	27,761	4,740	31,115	26,562	4,553
Wythe	19,709	16,794	2,915	18,993	16,176	2,817	18,322	15,560	2,762
York	25,797	22,593	3,204	24,337	21,286	3,051	23,320	20,402	2,918
Cities									
Alexandria	89,311	83,170	6,141	85,161	79,083	6,078	81,237	75,422	5,815
Bedford	4,238	3,770	468	3,941	3,477	464	3,944	3,475	469
Bristol	13,833	11,583	2,250	13,580	11,353	2,227	13,332	11,161	2,171
Buena Vista	4,385	3,917	468	4,103	3,654	449	3,874	3,468	406
Charlottesville	23,708	21,457	2,251	23,225	21,198	2,027	22,475	20,572	1,903
Chesapeake	93,756	81,777	11,979	87,875	76,557	11,318	82,631	72,103	10,528
Clifton Forge	3,084	2,759	325	3,019	2,697	322	2,973	2,630	343
Colonial Heights	13,849	12,469	1,380	13,617	12,204	1,413	13,359	11,930	1,429
Covington	5,785	5,071	714	5,669	4,952	717	5,647	4,906	741
Danville	30,919	27,924	2,995	30,828	27,797	3,031	30,431	27,558	2,873

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TABLE 21.14B
Vehicle Registration Counts for Virginia's
Counties and Cities: 1983-1988, *CONTINUED*

	1985			1984			1983		
	Total	Passenger	Other	Total	Passenger	Other	Total	Passenger	Other
Emporia	2,965	2,589	376	2,880	2,506	374	2,882	2,517	365
Fairfax	13,229	12,024	1,205	13,342	12,135	1,207	13,726	12,546	1,180
Falls Church	13,375	12,403	972	12,988	12,083	905	12,599	11,703	896
Franklin	5,247	4,592	655	5,052	4,397	655	4,974	4,298	676
Fredericksburg	12,056	10,931	1,125	11,556	10,464	1,092	11,267	10,138	1,129
Galax	5,095	4,199	896	5,075	4,158	917	4,923	4,081	842
Hampton	87,516	79,466	8,050	83,758	75,916	7,842	81,152	73,431	7,721
Harrisonburg	15,979	13,452	2,527	15,109	12,739	2,370	13,783	11,647	2,136
Hopewell	17,063	15,095	1,968	17,004	14,995	2,009	16,468	14,523	1,945
Lexington	3,447	3,212	235	3,263	3,044	219	3,113	2,910	203
Lynchburg	46,033	41,102	4,931	45,149	40,341	4,808	44,095	39,416	4,679
Manassas	14,353	12,852	1,501	13,176	11,784	1,392	12,304	11,004	1,300
Manassas Park	4,359	3,932	427	4,197	3,789	408	4,018	3,614	404
Martinsville	13,095	11,337	1,758	12,883	11,126	1,757	12,511	10,822	1,688
Newport News	97,268	88,536	8,732	94,828	86,279	8,549	91,431	82,964	8,467
Norfolk	153,778	131,987	21,791	151,097	128,862	22,135	146,554	125,698	20,856
Norton	2,625	2,191	434	2,461	2,063	398	2,467	2,069	398
Petersburg	23,985	21,514	2,471	23,704	21,256	2,448	24,332	21,820	2,512
Poquoson	8,301	7,295	1,006	7,785	6,849	936	7,355	6,441	914
Portsmouth	64,336	59,070	5,266	63,033	57,870	5,163	61,288	56,284	5,004
Radford	8,004	7,077	927	7,813	6,919	894	7,639	6,735	904
Richmond	140,408	124,136	16,272	137,103	120,590	16,513	135,573	119,934	15,639
Roanoke	77,760	66,510	11,250	74,775	64,212	10,563	70,779	60,677	10,102
Salem	20,105	17,506	2,599	19,516	16,933	2,583	18,734	16,183	2,551
South Boston	4,628	4,222	406	4,367	3,990	377	4,248	3,881	367
Staunton	15,863	14,268	1,595	15,969	14,092	1,604	15,356	13,785	1,571
Suffolk	35,014	29,992	5,022	33,352	28,524	4,828	31,906	27,227	4,679
Virginia Beach	223,902	203,012	20,890	206,771	187,206	19,565	193,607	175,176	18,431
Waynesboro	12,060	10,857	1,203	11,605	10,398	1,207	11,364	10,179	1,185
Williamsburg	8,919	8,311	608	8,282	7,676	606	7,371	6,867	504
Winchester	15,188	13,345	1,843	14,535	12,706	1,829	14,178	12,369	1,809
MSAs									
Bristol (Va. portion)	64,065	55,633	8,432	61,959	53,703	8,256	60,379	52,297	8,082
Charlottesville	85,162	75,969	9,193	81,540	73,000	8,540	78,618	70,339	8,189
Danville	81,902	72,328	9,574	80,350	70,861	9,489	78,314	69,129	9,175
Lynchburg	105,910	92,156	13,754	102,757	89,491	13,266	100,276	87,278	12,998
Norfolk	836,593	744,629	91,964	796,898	707,643	89,155	760,787	675,787	85,000
Northern Virginia	983,385	901,662	81,723	924,384	847,550	76,834	889,449	813,645	75,804
Richmond	591,029	517,926	73,103	565,263	494,707	70,556	553,367	483,884	69,483
Roanoke	182,717	158,290	24,327	176,652	153,208	23,444	171,538	148,186	23,350
Planning Districts									
LENOWISCO	68,032	58,911	9,121	66,643	57,626	9,017	64,533	55,757	8,776
Cumberland Plateau	97,313	83,863	13,450	95,473	82,075	13,358	94,682	81,404	13,278
Mount Rogers	134,407	114,931	19,476	129,872	110,914	18,958	126,333	107,895	18,438
New River Valley	100,918	88,176	12,487	97,067	84,863	12,204	93,203	81,377	11,826
Fifth	208,167	179,962	28,105	201,118	174,085	27,033	194,525	167,918	26,607
Central									
Shenandoah	171,877	145,745	26,132	167,357	141,694	25,390	162,098	137,566	24,532
Lord Fairfax	123,132	105,194	17,938	116,928	100,007	16,921	111,954	95,593	16,361
Northern Virginia	982,025	902,413	79,612	924,931	850,243	74,688	871,948	801,520	70,428
Rappahannock-									
Rapidan	87,655	74,657	12,998	82,451	70,074	12,377	78,243	66,529	11,714
Thomas Jefferson	113,083	99,681	13,402	108,120	95,609	12,511	103,496	91,612	11,794

CONTINUED ➡

TABLE 21.14B
Vehicle Registration Counts for Virginia's
Counties and Cities: 1983-1988, CONTINUED

	1985			1984			1983		
	Total	Passenger	Other	Total	Passenger	Other	Total	Passenger	Other
Central Virginia	158,176	136,413	21,763	152,242	131,451	20,791	146,559	126,659	19,900
West Piedmont	190,028	164,280	25,748	184,445	159,321	25,124	178,888	154,419	24,469
Southside	61,760	52,889	8,871	59,999	51,377	8,622	58,201	49,830	8,371
Piedmont	62,406	53,147	9,259	60,612	51,490	9,122	58,919	50,038	8,881
Richmond Regional	523,019	458,139	64,880	500,388	437,694	62,694	479,259	419,949	59,310
RADCO	110,107	94,899	15,208	102,151	88,359	13,792	96,113	83,088	13,025
Northern Neck	38,730	31,737	6,993	36,790	30,202	6,588	35,454	29,064	6,393
Middle Peninsula	59,486	49,515	9,971	56,035	46,691	9,444	52,983	43,941	9,042
Crater	110,749	96,732	14,017	107,487	93,624	13,863	105,039	91,459	13,580
Southeastern Virginia	608,830	537,580	71,250	578,495	509,348	69,047	551,112	485,702	65,410
Peninsula Accomack-Norhampton	246,848	222,758	24,090	236,661	213,376	23,285	227,782	205,060	22,722
	36,101	29,703	6,398	34,974	28,669	6,305	34,266	28,087	6,179

SOURCE: Commonwealth of Virginia, Department of Motor Vehicles. "City/County Vehicle Registration Count." Richmond, Virginia, annual. (Computer printout.)

NOTE: Data for Virginia in thousands.
 A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
 A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 21.15
Deaths from Motor Vehicle Accidents for the
U.S., Virginia, and Surrounding States: 1970-1986

	1986	1985	1984	1980	1975	1972	1970
United States	48,140	46,159	46,517	53,476	46,032	56,528	54,845
Virginia	1,141	1,021	1,048	1,111	1,069	1,256	1,251
Delaware	160	119	134	164	129	130	158
District of Columbia	86	96	101	79	91	100	140
Florida	2,925	2,968	2,914	2,967	2,067	2,570	2,181
Georgia	1,604	1,462	1,454	1,558	1,420	1,940	1,825
Kentucky	829	749	778	865	885	1,114	1,081
Maryland	796	766	659	822	686	852	809
North Carolina	1,727	1,553	1,514	1,588	1,560	2,026	1,801
South Carolina	1,077	943	946	895	837	1,148	1,070
Tennessee	1,372	1,219	1,239	1,280	1,280	1,526	1,525
West Virginia	470	461	463	583	499	578	561

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: Data are based on date of death, and reflect state where death occurred.
 1972 data represents peak year for deaths from motor vehicle accidents.



TABLE 21.16
Virginia Driving Trend Summary: 1978-1987

Year	Death Rate	Vehicles Registered	Gasoline Consumption	Vehicular Mileage	Total		Alcohol-Related Fatalities
					Crashes	Fatalities	
1987	1.90	4,660.7	3,457.3	55,317	145,473	1,022	418
1986	2.20	4,514.4	3,245.0	51,725	140,544	1,118	492
1985	2.10	4,292.7	3,123.0	47,928	133,326	980	479
1984	2.30	4,100.0	3,013.7	44,904	123,356	1,014	359
1983	2.20	3,925.6	2,861.4	41,920	113,672	900	336
1982	2.24	3,856.9	2,784.2	39,396	112,474	881	330
1981	2.80	3,823.1	2,924.4	36,348	117,981	1,012	393
1980	2.80	3,716.4	2,982.3	37,163	116,382	1,045	374
1979	2.60	3,434.9	3,089.0	38,478	128,805	1,014	375
1978	2.70	3,236.7	3,263.0	39,250	135,889	1,080	402

SOURCE: Commonwealth of Virginia, Department of Motor Vehicles. 1987 *Virginia Crash Facts*. Richmond, Virginia, annual.

NOTES: "Death Rate" is deaths per 100 million miles travelled.
 "Vehicles Registered" in thousands.
 "Gasoline Consumption" in millions of gallons. Data for 1987 are estimated.
 "Vehicular Mileage" in millions of miles. Data for 1987 are estimated.

TABLE 21.17
Traffic Crashes, Fatalities, and Injuries
in Virginia's Counties and Cities: 1987

	Total			Alcohol-Related			Death Rate
	Crashes	Fatalities	Injuries	Crashes	Fatalities	Injuries	
Virginia	145,356	1,022	80,064	18,867	418	14,996	25.41
Counties							
Accomack	607	10	353	115	2	78	44.04
Albemarle	1,786	19	961	220	7	207	43.29
Alleghany	267	3	197	61	...	67	30.03
Amelia	181	1	95	23	1	15	16.85
Amherst	675	7	391	111	4	90	38.57
Appomattox	246	8	159	32	2	23	74.51
Arlington	3,813	8	1,784	520	8	306	6.39
Augusta	1,115	24	646	138	14	114	58.73
Bath	111	5	61	26	1	15	132.52
Bedford	822	8	490	133	7	96	25.69
Bland	178	4	105	26	2	18	98.52
Botetourt	654	14	417	71	4	58	79.60
Brunswick	391	3	270	69	2	71	31.21
Buchanan	684	4	363	96	2	61	18.24
Buckingham	197	3	163	40	1	42	38.74
Campbell	987	11	594	166	6	120	32.47
Caroline	532	13	342	98	4	83	106.24
Carroll	523	11	330	64	3	64	59.88
Charles City	159	3	128	33	1	36	66.71
Charlotte	231	1	128	43	...	37	12.35
Chesterfield	4,706	29	2,530	540	19	412	21.62
Clarke	194	4	139	43	3	37	52.58
Craig	88	1	55	7	...	3	32.50

CONTINUED ➡

TABLE 21.17
Traffic Crashes, Fatalities, and Injuries in Virginia's
Counties and Cities: 1987, *CONTINUED*

	Total			Alcohol-Related			Death Rate
	Crashes	Fatalities	Injuries	Crashes	Fatalities	Injuries	
Culpeper	678	7	429	101	1	95	40.16
Cumberland	176	4	127	40	2	24	77.40
Dickenson	323	4	211	64	1	58	34.73
Dinwiddie	380	10	297	77	4	59	72.15
Essex	315	8	205	54	2	44	129.22
Fairfax	18,701	45	8,724	1,695	15	1,265	7.97
Fauquier	1,196	23	677	172	3	134	70.01
Floyd	216	10	140	46	5	35	122.07
Fluvanna	244	2	110	33	1	21	26.14
Franklin	923	14	601	125	6	113	54.72
Frederick	726	13	477	149	6	144	43.13
Giles	283	4	173	30	3	23	34.52
Gloucester	494	4	400	85	2	82	20.31
Goochland	338	4	194	50	1	37	43.35
Grayson	227	...	141	37	...	32	...
Greene	206	4	140	29	1	21	63.26
Greensville	329	10	251	62	3	50	144.89
Halifax	666	15	442	111	7	104	74.47
Hanover	1,272	15	739	182	3	150	35.27
Henrico	4,553	24	2,605	496	11	435	16.25
Henry	1,231	14	714	179	6	145	33.58
Highland	59	...	47	12	...	10	...
Isle of Wight	562	10	416	114	4	105	59.46
James City	475	8	352	71	2	68	36.97
King and Queen	97	6	80	24	1	29	139.73
King George	367	4	260	73	2	75	48.25
King William	184	2	126	30	1	28	27.73
Lancaster	156	2	104	39	1	29	24.55
Lee	380	13	334	64	5	75	94.72
Loudoun	1,749	9	891	217	1	176	15.64
Louisa	436	7	262	74	5	57	52.64
Lunenburg	137	3	98	23	1	14	38.10
Madison	221	4	145	31	3	22	53.89
Mathews	128	1	98	23	...	24	15.91
Mecklenburg	577	12	423	113	4	112	63.28
Middlesex	126	2	100	33	1	36	31.46
Montgomery	1,764	3	969	221	1	193	7.31
Nelson	298	...	166	60	...	42	...
New Kent	311	3	223	51	...	41	41.55
Northampton	272	8	205	50	3	39	89.66
Northumberland	154	9	87	29	5	27	113.98
Nottoway	223	5	111	43	2	27	53.25
Orange	422	11	264	52	5	49	76.75
Page	380	4	204	47	1	32	28.23
Patrick	392	3	247	60	...	70	25.44
Pittsylvania	1,227	26	778	184	11	171	58.37
Powhatan	278	1	140	43	1	29	11.06
Prince Edward	381	4	258	54	2	41	41.57
Prince George	463	4	365	82	1	83	25.99
Prince William	4,280	29	2,493	565	12	464	22.38
Pulaski	760	6	477	97	4	78	25.74
Rappahannock	140	1	89	22	...	22	21.07
Richmond	116	...	62	17	...	12	...
Roanoke	1,421	11	747	194	3	136	18.94
Rockbridge	538	10	367	103	4	98	76.49
Rockingham	1,096	9	628	141	4	117	22.49
Russell	478	6	366	64	1	58	32.20

CONTINUED ➡



TABLE 21.17
Traffic Crashes, Fatalities, and Injuries in Virginia's
Counties and Cities: 1987, *CONTINUED*

	Total			Alcohol-Related			Death Rate
	Crashes	Fatalities	Injuries	Crashes	Fatalities	Injuries	
Scott	468	4	274	57	2	48	25.18
Shenandoah	673	9	365	101	4	66	40.35
Smyth	598	8	312	78	2	53	36.51
Southampton	410	7	339	94	2	103	59.50
Spotsylvania	1,162	12	782	167	5	142	37.95
Stafford	1,167	20	715	205	7	168	59.81
Surry	164	4	137	35	2	32	91.22
Sussex	321	7	234	43	2	36	101.02
Tazewell	847	10	545	88	4	63	30.75
Warren	621	6	302	88	1	67	33.47
Washington	963	19	594	131	7	113	59.08
Westmoreland	271	4	177	68	4	60	37.58
Wise	761	9	407	109	5	81	31.34
Wythe	615	5	308	61	2	39	28.44
York	832	5	600	155	1	170	19.30
Cities							
Alexandria	3,260	2	1,448	300	...	189	2.18
Bedford	146	1	68	17	...	10	27.18
Bristol	462	3	263	45	2	36	26.48
Buena Vista	89	...	56	8	...	7	...
Charlottesville	1,161	7	484	144	2	76	30.20
Chesapeake	3,181	22	1,906	436	9	395	23.59
Clifton Forge	58	...	27	2	...	1	...
Colonial Heights	348	2	214	31	1	43	15.99
Covington	21	...	10	2	...	...	...
Danville	1,401	5	664	153	1	87	17.66
Emporia	110	2	66	11	2	8	81.80
Fairfax	1,309	1	523	94	...	59	6.15
Falls Church	265	1	107	18	...	19	8.23
Franklin	167	3	74	30	3	28	66.55
Fredericksburg	823	6	401	89	3	61	47.34
Galax	250	...	130	19	...	13	...
Hampton	3,951	5	2,115	529	2	411	5.96
Harrisonburg	808	1	324	60	...	37	7.12
Hopewell	477	...	291	60	...	45	...
Lexington	95	...	23	4	...	...	...
Lynchburg	2,068	9	818	219	4	132	22.27
Manassas	641	7	373	59	7	41	45.47
Manassas Park	67	...	45	12	...	10	...
Martinsville	574	3	244	60	1	30	29.01
Newport News	3,879	9	2,358	503	5	382	8.90
Norfolk	8,422	33	4,584	1,324	14	995	24.58
Norton	101	1	31	10	...	4	48.73
Petersburg	916	2	752	175	...	174	8.57
Poquoson	97	...	41	19	...	10	...
Portsmouth	2,408	5	1,590	344	1	299	7.86
Radford	240	2	126	28	1	24	28.56
Richmond	7,752	25	4,812	778	12	710	19.02
Roanoke	3,275	10	1,298	392	6	245	15.15
Salem	638	...	303	55	...	54	...
South Boston	170	2	97	14	...	5	49.44
Staunton	506	...	201	60	...	34	...
Suffolk	1,404	12	973	237	2	179	37.36
Virginia Beach	8,832	45	4,142	1,289	22	1,003	19.78
Waynesboro	396	2	154	41	...	18	17.61
Williamsburg	316	...	139	40	...	37	...

CONTINUED ➡

TABLE 21.17
Traffic Crashes, Fatalities, and Injuries in Virginia's
Counties and Cities: 1987, *CONTINUED*

	Total			Alcohol-Related			Death Rate
	Crashes	Fatalities	Injuries	Crashes	Fatalities	Injuries	
Winchester	727	1	209	63	1	31	7.42
MSAs							
Bristol (Va. portion)	1,893	26	1,131	233	11	197	43.79
Charlottesville	3,397	32	1,695	426	11	325	39.48
Danville	2,628	31	1,442	337	12	258	42.55
Lynchburg	3,730	27	1,803	496	14	342	29.21
Norfolk	34,291	148	19,200	5,032	60	4,031	18.11
Northern Virginia	35,252	122	17,103	3,685	50	2,697	11.62
Richmond	21,953	122	13,290	2,598	54	2,254	21.53
Roanoke	5,988	35	2,765	712	13	493	22.20
Planning Districts							
LENOWISCO	1,710	27	1,046	240	12	208	43.55
Cumberland Plateau	2,332	24	1,485	312	8	240	28.37
Mount Rogers	3,816	50	2,183	461	18	368	41.37
New River Valley	3,263	25	1,885	422	14	353	27.43
Fifth	6,422	39	3,054	785	13	564	21.82
Central Shenandoah	4,813	51	2,507	593	23	450	34.82
Lord Fairfax	3,321	37	1,696	491	16	377	35.03
Northern Virginia	34,085	102	16,388	3,480	43	2,529	10.03
Rappahannock-Rapidan	2,657	46	1,604	378	12	322	59.91
Thomas Jefferson	4,131	39	2,123	560	16	424	37.95
Central Virginia	4,944	44	2,529	678	23	471	31.88
West Piedmont	5,748	65	3,248	761	25	616	40.06
Southside	1,804	32	1,232	307	13	292	60.65
Piedmont	1,526	21	980	266	9	200	39.01
Richmond Regional	19,369	104	11,371	2,173	48	1,850	21.41
RADCO	4,051	55	2,500	632	21	529	55.98
Northern Neck	697	15	430	153	10	128	46.94
Middle Peninsula	1,344	23	1,009	249	7	243	45.97
Crater	3,508	41	2,607	576	15	530	40.38
Southeastern Virginia	25,386	137	14,024	3,868	57	3,107	23.46
Peninsula	9,550	27	5,605	1,317	10	1,078	10.94
Accomack-Norhampton	879	18	558	165	5	117	56.91

SOURCE: Commonwealth of Virginia, Department of Motor Vehicles. 1987 *Virginia Traffic Crash Facts*. Richmond, Virginia, annual.

NOTES: "Death Rate" defined as number of fatalities per 100,000 licensed drivers.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

**TABLE 21.18**

Transportation, Communications, and Public Utilities Industry Employment and Annual Pay for the U.S., Virginia, and Surrounding States: 1983-1987

	Employment			Average Annual Pay		
	1987	1986	1985	1985	1984	1983
United States	5,378.0	5,244.0	5,238.0	\$25,664	\$24,696	\$24,041
Virginia	142.2	137.1	132.0	25,444	24,428	23,250
Delaware	13.5	12.7	12.0	22,794	22,378	21,934
District of Columbia	24.5	24.9	25.4	33,035	31,328	30,451
Florida	255.9	247.4	243.0	24,254	22,956	22,536
Georgia	174.6	168.3	163.0	26,908	25,710	25,140
Kentucky	67.6	65.8	66.6	21,868	21,407	20,886
Maryland	92.8	91.2	90.5	24,584	23,372	22,752
North Carolina	141.3	133.7	130.5	23,182	22,270	21,562
South Carolina	58.7	56.4	56.0	23,343	22,698	21,425
Tennessee	103.3	97.6	93.0	22,830	21,983	21,471
West Virginia	36.4	36.9	38.2	23,843	23,016	21,927

SOURCES: U.S. Department of Commerce, Bureau of the Census. *State and Metropolitan Area Data Book 1986*. U.S. Government Printing Office, Washington, D.C., 1986; U.S. Department of Labor, Bureau of Labor Statistics. *Employment and Earnings, March and May 1988*. U.S. Government Printing Office, Washington, D.C., monthly; U.S. Department of Labor, Bureau of Labor Statistics. *News*. "Average Annual Pay by State and Industry, 1985." USDL 86-361. U.S. Government Printing Office, Washington, D.C., irregular.

NOTES: "Employment" in thousands.
 "Average Annual Pay" in dollars. Includes workers covered by Unemployment Insurance and Unemployment Compensation for Federal Employees programs.
 "Average Annual Pay" for 1985 is preliminary.

TABLE 21.19

Imports and Exports for the U.S., Virginia, and Surrounding States: 1987 and 1988

	Imports				Exports			
	March, 1988	February, 1988	January, 1988	1987	March, 1988	February, 1988	January, 1988	1987
United States ¹	\$38,717.5	\$37,387.4	\$34,766.9	\$424,082.3	\$28,971.3	\$23,559.3	\$22,329.7	\$252,865.8
Virginia	411.2	326.2	298.3	4,634.1	649.7	509.4	481.0	5,642.3
Delaware	171.1	135.3	143.8	1,550.5	125.7	57.2	40.6	610.9
District of Columbia	81.9	81.7	61.2	815.7	13.2	14.5	17.2	125.3
Florida	927.5	720.3	569.1	9,212.1	889.6	738.4	668.2	7,623.7
Georgia	429.9	302.9	176.2	4,623.3	301.4	267.3	250.0	3,009.4
Kentucky	214.9	168.6	126.1	2,445.0	196.5	154.8	152.6	1,833.0

CONTINUED ➡

TABLE 21.19

Imports and Exports for the U.S., Virginia, and Surrounding States: 1987 and 1988, *CONTINUED*

	Imports				Exports			
	March, 1988	February, 1988	January, 1988	1987	March, 1988	February, 1988	January, 1988	1987
Maryland	242.9	206.3	150.5	2,277.3	154.8	135.1	121.6	1,467.0
North Carolina	494.7	388.8	268.7	4,705.1	472.5	420.2	418.9	4,465.9
South Carolina	258.0	188.4	121.7	2,486.3	204.4	180.2	191.8	1,729.2
Tennessee	302.6	281.3	147.0	2,519.0	222.7	201.2	181.3	1,902.1
West Virginia	7.7	9.8	4.9	90.3	124.6	77.5	88.5	1,019.8

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Highlights of U.S. Export and Import Trade*. U.S. Government Printing Office, Washington, D.C., monthly.

NOTES: in millions of dollars. State export data based on Shipper's Export Declaration, and is intended to show where the merchandise starts its journey to the port of export. This may not be the state where the merchandise is grown, produced or manufactured nor the actual location of the exporter. Import data by state denotes the location of the ultimate consignee as reported on the import entry summary. That location may be an accounting address, distribution center or headquarters address, but not necessarily the state where the merchandise will be ultimately consumed, subjected to further manufacture, or sold.

"Imports" shipped on C.I.F. [Customs, insurance, freight] basis. The import value is equal to the customs value, plus the value of insurance, freight, and other charges. Does not include duties.

"Exports" shipped on F.a.s. [Free alongside ship] basis. The export value is equal to the value at the U.S. port of export, based on the transaction price including inland freight, insurance and other charges incurred in placing the merchandise alongside the carrier at the U.S. exportation.

¹The U.S. total includes a large unreported by state category, plus foreign trade zone, other (not specified), estimated shipments, and non-U.S.), and adjustments for undocumented trade with Canada.

TABLE 21.20

Water-Borne Commerce of the Hampton Roads Port: 1980-1985

	1985	1984	1983	1982	1981	1980
Total water-borne commerce	71,753	65,599	60,903	80,939	76,766	82,111
Total inbound	15,288	14,081	13,143	12,966	13,651	17,382
Total outbound	55,171	50,077	46,066	66,061	61,088	61,853
Total local ¹	1,183	1,319	1,638	1,788	1,954	2,800
Foreign	57,132	49,425	47,696	68,362	62,765	64,779
Inbound	8,305	7,059	6,717	7,159	7,124	9,419
Outbound	48,827	42,186	40,979	61,203	55,641	55,360
Coastwise	4,427	4,635	3,015	3,634	3,527	4,832
Inbound	1,162	1,259	1,289	1,815	1,965	3,603
Outbound	3,265	3,376	1,727	1,819	1,562	1,228
Internal	9,011	10,400	8,498	7,155	8,520	9,624
Inbound	5,822	5,763	5,138	3,992	4,562	4,360
Outbound	3,079	4,515	3,360	3,039	3,886	5,264
Thru traffic	111	122	55	124	72	76

SOURCE: Hampton Roads Maritime Association. *The Port of Greater Hampton Roads Annual 1988*. Norfolk, Virginia, annual.

NOTES: In thousands of tons.

¹Harbor traffic.



TABLE 21.21
Foreign Water-Borne Commerce of the
Principal Atlantic Coast Ports: 1981-1986

Port	1986	1985	1984	1983	1982	1981
Total	181,644.5	177,250.0	167,903.0	159,677.5	222,254.0	196,550.5
Hampton Roads	53,388.0	57,660.0	49,221.0	47,761.0	68,567.0	66,887.0
New York	58,923.5	54,786.0	57,752.0	51,714.0	47,616.5	51,403.0
Philadelphia	26,293.5	24,313.0	21,667.0	22,137.0	57,945.5	31,297.5
Baltimore	24,695.5	26,085.0	24,953.5	21,623.5	30,688.5	34,235.5
Boston	11,089.0	7,609.0	9,532.0	6,245.5	8,067.0	7,356.0
Charleston	7,255.0	6,797.0	5,777.5	4,812.0	4,212.5	5,371.5

SOURCE: Hampton Roads Maritime Association. *The Port of Greater Hampton Roads Annual 1988*. Norfolk, Virginia, annual.

NOTE: in thousands of short tons.

TABLE 21.22
U.S. Oceanborne Foreign Trade, Top Fifteen U.S. Ports: 1982-1985

Port	1985		1984		1983		1982	
	Import	Export	Import	Export	Import	Export	Import	Export
New York	43,663	5,167	46,949	4,784	41,496	4,810	37,050	5,063
Houston	21,026	15,463	20,414	21,779	16,518	19,752	19,901	22,703
New Orleans	12,987	20,625	13,671	22,418	10,723	21,918	16,247	25,486
Gramercy	7,091	26,041	12,440	28,001	13,093	31,390	24,246	26,158
Norfolk	4,044	28,616	2,609	26,496	3,835	30,903	3,618	42,333
Baltimore	10,833	12,446	10,220	9,878	8,428	10,871	8,779	18,743
Philadelphia	16,693	5,006	16,862	2,594	15,985	3,819	17,961	4,834
Corpus Christi	16,060	3,550	20,075	2,483	12,634	2,599	14,038	2,736
Long Beach	10,205	8,349	7,673	10,307	7,018	10,895	6,559	11,117
Newport News	3,371	14,915	2,741	10,967	2,162	10,558	2,772	16,497
Baton Rouge	6,150	11,348	6,340	11,292	5,557	11,961	7,312	13,439
Los Angeles	8,456	6,676	6,218	6,125	5,492	5,408	4,734	6,288
Marcus Hook	13,724	70	13,455	117	11,744	137	11,697	115
Texas City	11,532	1,361	11,648	657	13,635	580	13,913	892
Tampa	4,166	8,559	4,681	14,757	3,892	14,678	3,089	18,580
Total	350,528	290,320	365,133	308,851	327,616	302,796	337,748	336,440

SOURCE: U.S. Department of Transportation, Maritime Administration. *United States Oceanborne Foreign Trade Routes 1985*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In thousands of long tons. Includes all services (liner service, tanker service, and non-liner service). Ranked by total 1985 tonnage.

TABLE 21.23
Import Tonnage Through Principal Atlantic Coast Ports: 1981-1986

Port	1986	1985	1984	1983	1982	1981
Total	111,671.5	98,081.0	102,116.0	88,152.5	119,507.0	99,586.5
Hampton Roads	8,553.0	8,315.0	7,054.5	6,703.0	7,236.0	7,102.5
New York	52,756.5	48,989.0	52,400.0	46,296.5	41,930.5	45,037.0
Philadelphia	22,074.0	18,701.0	18,781.0	17,867.5	51,031.0	25,216.5
Baltimore	14,207.5	12,145.0	13,879.5	9,407.0	9,917.0	12,853.5
Boston	10,586.0	6,852.0	7,655.5	5,622.5	7,555.0	6,778.0
Charleston	3,494.5	3,079.0	2,345.5	2,256.0	1,837.5	2,599.0

SOURCE: Hampton Roads Maritime Association. *The Port of Greater Hampton Roads Annual 1988*. Norfolk, Virginia, annual.

NOTE: In thousands of short tons.

TABLE 21.24
Value of Imports Through Principal Atlantic Coast Ports: 1981-1986

Port	1986	1985	1984	1983	1982	1981
Total	\$65,077.5	\$62,570.0	\$59,177.0	\$49,471.0	\$54,479.5	\$49,700.0
Hampton Roads	5,865.0	5,866.0	4,428.0	3,470.0	3,899.5	3,897.0
New York	36,393.5	36,289.0	34,811.0	30,724.0	27,700.0	28,832.0
Philadelphia	4,107.0	4,993.0	5,386.0	4,960.0	12,503.0	6,352.0
Baltimore	10,775.5	9,245.0	8,968.0	5,839.0	5,801.0	6,064.0
Boston	2,827.0	2,672.0	2,571.0	2,221.0	2,779.0	2,627.0
Charleston	5,109.5	3,505.0	3,013.0	2,257.0	1,797.0	1,928.0

SOURCE: Hampton Roads Maritime Association. *The Port of Greater Hampton Roads Annual 1988*. Norfolk, Virginia, annual.

NOTE: In millions of dollars.

TABLE 21.25
Principal Imports Through the Port of Hampton Roads by Commodity: 1984-1986

Commodity	1986	1985	1984
Food and live animals	233,414	289,928	160,501
Meat, fresh, chilled or frozen	28,434	29,653	8,919
Meat and meat products, prepared or preserved	1,107	5,464	1,146
Fresh vegetables, prepared or preserved	41,865	37,874	20,440
Fruits and nuts, prepared or preserved	41,865	32,059	17,402
Sugar, syrups, molasses and honey	2,914	13,124	1,253
Coffee, cocoa, tea, spices and manufactures, etc.	87,412	129,073	75,269
Tea and mate, crude or prepared	...	13,398	13,386
All other commodities	29,717	29,182	22,686
Beverages and tobacco	198,346	201,504	140,844
Beverages, distilled, alcoholic	148,776	137,225	67,842
Tobacco and tobacco manufactured	49,373	53,225	64,678
All other commodities	197	11,054	8,324
Crude materials, inedible, except fuels	1,754,516	1,725,836	1,791,975
Wood, lumber, cork	36,965	3,751	9,719

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TABLE 21.25
Principal Imports Through the Port of Hampton
Roads by Commodity: 1984-1986, *CONTINUED*

Commodity	1986	1985	1984
Wood shaped or simply worked	...	8,799	6,373
Wool and other animal hair	783	7,062	12,217
Man-made fibers and their waste, except glass	12,734	12,965	10,223
Potassium nitrate	...	3,128	2,745
Stone, sand, and gravel	...	358,498	305,150
Bauxite and aluminum ore and con	...	479,317	701,277
Natural abrasives, diamond dust and powder	...	160,535	139,727
Crude materials, n.e.c.	805,657	274,827	243,221
Rubber, natural, synthetic and substitute	446,146	362,768	350,074
Ores and concentrates of nonferrous base metals	...	42,035	218
Metaliferous ores and scrap	452,083	...	...
All other commodities	148	12,131	11,031
Mineral fuels, lubricants, and relative materials	4,142,227	4,259,752	3,905,077
Petroleum and petroleum products	4,099,324	4,230,427	3,896,196
All other commodities	42,903	29,325	8,881
Oils and fats, animal and vegetable	11,154	1,117	361
Chemicals	457,874	504,101	300,395
Organic chemicals	95,232	52,597	38,171
Radioactive and stable isotopes	...	3,251	4,004
Dyeing and tanning extracts, including synthetic	8,303	6,396	4,533
Fertilizers, manufactured and fertilizer materials	223,716	313,623	143,059
Synthetic resins, regenerated cellulose and plastic	392	20,383	8,839
Chemicals, elements, inorganic	83,784	59,573	77,682
All other commodities	46,447	48,278	24,107
Manufactured goods, classified by material	1,163,040	815,279	408,318
Wood veneers, plywood and worked wood, n.e.c.	129,803	148,776	100,574
Paper, paperboard and manufactures thereof	81,781	117,373	71,537
Textile, yarn, fabrics, made-up articles, etc.	39,140	45,815	29,323
Non-metallic mineral manufactures, n.e.c.	441,106	214,564	70,145
Iron and steel	274,122	133,291	37,253
Manufactures of metal, n.e.c.	100,730	70,897	67,008
Nonferrous metals	25,384	24,552	18,708
All other commodities	70,974	60,011	13,770
Machinery and transport equipment	523,995	484,598	318,310
Machinery, other than electric	164,270	224,612	146,070
Electrical machinery, apparatus and appliances	109,213	24,792	11,386
Transport equipment	121,288	235,194	158,854
All other	129,224	...	...
Miscellaneous manufactured articles, n.e.c.	58,285	27,881	42,085
Not classified	10,443	5,440	3,975
Total Imports	8,553,194	8,945,335	7,069,841

SOURCE: Hampton Roads Maritime Association. *The Port of Greater Hampton Roads Annual 1988*. Norfolk, Virginia, annual.

NOTES: In tons.
n.e.c.—Not elsewhere classified.

TABLE 21.26
Export Tonnage Through Principal Atlantic Coast Ports: 1981-1986

Port	1986	1985	1984	1983	1982	1981
Total	69,973.0	79,169.0	65,787.0	71,525.5	102,747.0	96,964.0
Hampton Roads	44,835.0	49,345.0	42,166.5	41,058.0	61,331.0	59,784.5
New York	6,167.0	5,797.0	5,352.0	5,418.0	5,686.0	6,366.0
Baltimore	10,488.0	13,490.0	11,074.0	12,216.5	20,771.5	21,382.0
Philadelphia	4,219.5	5,612.0	2,886.0	4,269.5	6,914.5	6,081.0
Charleston	3,760.5	3,718.0	3,432.0	2,556.0	2,375.0	2,772.5
Boston	503.0	757.0	876.5	623.0	512.0	578.0

SOURCE: Hampton Roads Maritime Association. *The Port of Greater Hampton Roads Annual 1988*, Norfolk, Virginia, annual.

NOTE: In thousands of short tons.

TABLE 21.27
Value of Exports Through Principal Atlantic Coast Ports: 1981-1986

Port	1986	1985	1984	1983	1982	1981
Total	\$25,926.5	\$27,081.0	\$25,031.0	\$30,012.0	\$37,265.0	\$38,317.0
Hampton Roads	6,812.0	7,243.0	4,887.0	6,743.0	9,332.0	8,850.0
New York	10,301.5	10,138.0	10,226.0	12,056.0	13,202.5	14,481.0
Baltimore	4,751.5	5,442.0	5,608.0	6,936.0	8,437.5	8,838.0
Philadelphia	700.0	909.0	1,010.0	1,223.0	2,834.0	1,845.0
Charleston	2,961.5	2,921.0	2,894.0	2,517.0	2,782.0	3,661.0
Boston	400.0	428.0	406.0	537.0	677.0	642.0

SOURCE: Hampton Roads Maritime Association. *The Port of Greater Hampton Roads Annual 1988*, Norfolk, Virginia, annual.

NOTE: In millions of dollars.

TABLE 21.28
Principal Exports Through the Port of Hampton Roads by Commodity: 1984-1986

Commodity	1986	1985	1984
Food and live animals	1,977,279	2,999,671	3,708,080
Meat, fresh, frozen or preserved	23,543	22,082	4,543
Wheat, including spelt or meslin, unmilled	...	606,896	902,241
Barley, corn or maize, oats, unmilled	1,591,462	2,052,455	2,640,367
Fruits and vegetables	9,253	10,402	12,086
Animal feed, including oilseed cake and meal	332,101	220,331	111,811
All other commodities	20,920	87,504	37,032
Beverages and tobacco	196,231	209,834	159,923
Tobacco, unmanufactured	105,522	144,826	115,485
Tobacco manufactures	86,197	52,915	38,402
Beverages	10,034	12,093	6,036
Crude materials, inedible, except fuels	1,491,713	1,344,596	1,385,782
Nuts, soybeans, flour and meal of oilseeds	907,958	948,765	1,111,957
Rubber crude, including synthetic and reclaimed, etc.	23,714	23,019	28,663
Sawlogs, woodwaste and wood charcoal	...	57,978	16,909

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TABLE 21.28
Principal Exports Through the Port of Hampton
Roads by Commodity: 1984-1986, *CONTINUED*

Commodity	1986	1985	1984
Poles, piles, posts and lumber	146,269	62,559	43,329
Pulps and waste paper	160,315	90,985	52,966
Waste materials from textile fabrics, rags	58,792	44,260	7,981
Crude fertilizers and crude minerals, n.e.c.	16,903	15,470	27,252
Iron and steel scrap	160,003	61,016	41,382
Ores and concentrates of nonferrous base metals	...	25,731	11,096
All other commodities	17,759	14,813	44,247
Mineral fuels, lubricants and related materials	39,774,598	44,009,770	36,718,696
Coal (anthracite and bituminous)	39,669,896	43,704,240	36,453,114
Petroleum and petroleum products	104,555	305,136	265,454
All other commodities	147	394	128
Oils and fats, animal and vegetable	98,168	93,538	157,219
Animal oils and fats, including wool grease	25,757	28,490	21,781
Soybean oil, except hydrogenated	72,411	53,830	122,136
All other commodities	...	11,218	13,302
Chemicals	189,873	250,674	308,885
Organic chemicals	45,502	37,545	32,230
Fertilizers, manufactured and fertilizer materials	...	102,256	182,813
Synthetic resins, re-generated cellulose, etc.	85,234	62,196	52,447
Chemical products and materials, n.e.c.	35,280	16,948	18,469
All other commodities	23,857	31,760	22,926
Manufactured goods classified chiefly by materials	251,044	201,056	172,193
Wood and cork manufactures, n.e.c.	14,128	6,754	4,380
Paper and paperboard and manufactures thereof	79,539	49,642	37,111
Textile yarn and thread	88,152	78,171	58,952
Cotton fabrics, woven, not including narrow or spec.	...	7,016	6,189
Made-up articles, wholly or chiefly textile materials	...	4,058	14,350
Nonmetallic mineral manufactures, n.e.c.	18,813	7,133	7,378
Glass and glassware	...	4,185	6,086
Iron and steel	20,124	15,595	14,993
Aluminum and aluminum alloys, wrought or unwrought	5,765	3,034	4,050
Manufactures of metal, n.e.c.	16,480	19,407	13,978
All other commodities	8,043	6,061	4,726
Machinery and transport equipment	212,925	207,090	202,197
Agricultural machinery and appliances and parts	...	16,645	14,323
Machinery and appliances and machine parts	130,743	116,272	43,386
Road motor vehicles and vehicle parts, n.e.c.	64,388	41,289	89,962
Electrical machinery, apparatus, etc.	15,200	22,173	26,819
All other commodities	2,594	10,711	27,707
Miscellaneous manufactured articles, n.e.c.	11,821	13,659	29,262
Commodities and transactions not classified to kind	514,609	15,526	1,111
Total Exports	44,835,000	49,345,414	42,842,348

SOURCE: Hampton Roads Maritime Association, *The Port of Greater Hampton Roads Annual 1988*, Norfolk, Virginia, annual.

NOTES: In tons.
 n.e.c.—Not elsewhere classified.

TABLE 21.29
Principal Exports Through the Port of Hampton
Roads by Country of Destination: 1982-1986

Destination Country	1986	1985	1984	1983	1982
Europe	29,803	33,027	26,584	25,978	41,347
Netherlands, Belgium, Luxembourg, and France	10,573	11,416	10,531	9,109	15,197
Azores, Spain, Portugal, Gibraltar, Malta, Gozo and Italy	11,800	13,855	9,373	10,014	15,414
United Kingdom and Ireland	2,367	1,977	2,018	1,021	2,095
Germany, Austria, Czechoslovakia, Hungary, and Switzerland	941	964	1,075	1,032	2,481
Other Europe and Russia	4,122	4,815	3,587	4,532	6,161
Asia	7,229	9,445	9,087	9,736	14,020
China, Korea, Hong Kong, Japan	6,350	8,237	8,526	8,900	13,313
Singapore, Malaysia, Indonesia, Philippines, and Brunei	122	68	56	35	36
Western Asia					
Sri Lanka and Nepal, India, Pakistan, Bangladesh, Thailand, and Burma	87	303	108	109	187
Australasia and Oceania	70	78	97	98	132
South America	5,591	5,543	4,477	3,592	3,879
Africa	1,954	1,239	1,874	1,554	1,785
North Africa	1,417	1,078	1,472	1,411	1,649
Other Africa	537	161	402	143	136
North America	77	13	63	94	169
Northern Area	50	13	(Z)	11	16
Southern Area	26	(Z)	63	83	153
Miscellaneous not classified by country	111	...	...	...	...
Total Exports	44,835	49,345	42,181	41,052	61,333

SOURCE: Hampton Roads Maritime Association. *The Port of Greater Hampton Roads Annual 1988*. Norfolk, Virginia, annual.

NOTES: In thousands of net tons.
Z—Less than 1,000 tons.

TABLE 21.30
Boating Registration and Fatalities for the U.S.,
Virginia, and Surrounding States: 1983-1986

	Boats Registered				Boating Fatalities			
	1986	1985	1984	1983	1986	1985	1984	1983
United States	9,876	9,789	9,415	9,165	1,066	1,116	1,063	1,241
Virginia	166	150	149	145	21	18	22	36
Delaware	43	40	37	36	3	2	...	4
District of Columbia ¹	3	9	3	5	...	2	1	1
Florida	614	537	517	526	66	65	74	68
Georgia ²	248	242	226	220	16	34	15	37

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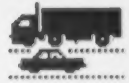


TABLE 21.30
Boating Registration and Fatalities for the U.S., Virginia,
and Surrounding States: 1983–1986, *CONTINUED*

	Boats Registered				Boating Fatalities			
	1986	1985	1984	1983	1986	1985	1984	1983
Kentucky	120	117	115	115	32	26	19	22
Maryland	151	148	143	143	12	16	24	25
North Carolina ³	230	218	203	192	27	39	38	31
South Carolina	249	234	168	210	33	18	35	41
Tennessee ⁴	207	201	196	192	29	23	26	29
West Virginia	43	41	39	54	6	7	5	9

SOURCE: U.S. Department of Transportation, United States Coast Guard. *Boating Statistics 1986*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Boats Registered" in thousands. Includes all motorboats, except as noted.

¹All watercraft registered.

²All motorboats and sailboats 12 feet or more in length.

³All motorboats except those with electric motors.

⁴All motorboats and sailboats.

TABLE 21.31
Aircraft Departures, Passengers, and Cargo for
the U.S., Virginia, and Surrounding States: 1987

	Aircraft Departures	Enplaned Passengers	Enplaned Cargo			
			Freight	Express	U.S. Mail	Foreign Mail
United States	6,372,793	422,748	3,947,164	897	1,534,171	549
Virginia	64,312	2,794	7,433	...	6,876	...
Delaware	553	3	226	...	...	...
District of Columbia	186,466	12,030	53,422	13	53,908	2
Florida	425,050	32,565	210,792	2	65,956	19
Georgia	299,229	23,442	138,070	...	118,748	...
Kentucky	37,909	1,371	9,754	...	6,319	...
Maryland	64,338	4,010	15,507	...	17,276	...
North Carolina	180,033	10,023	57,152	...	25,182	...
South Carolina	39,946	1,967	2,934	...	5,625	...
Tennessee	183,922	8,947	524,768	...	32,581	2
West Virginia	9,242	301	833	...	327	...

SOURCE: U.S. Department of Transportation, Office of Aviation Information Management. *Airport Activity Statistics of Certified Route Air Carriers, 12 Months Ending December 31, 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Aircraft Departures" include domestic and international flights and scheduled and nonscheduled flights.

"Enplaned Passengers" in thousands. Includes revenue passengers flying on all scheduled and nonscheduled flights, whether domestic or international.

"Enplaned Cargo" in tons. Includes both originating and transfer cargo.

TABLE 21.32
Enplaned Revenue Passengers and Cargo at Selected Virginia Airports: 1987

Airport	Enplaned Passengers	Cargo		
		Freight	Express	U.S. Mail
Charlottesville-Albemarle	68,687	43	...	3
Hot Springs (Ingalls Field)	131	...	...	...
Lynchburg Municipal (Preston Glen Field)	35,970	26	...	1
Manassas Municipal	9	...	...	...
Newport News-Hampton-Williamsburg- Yorktown (Patrick Henry)	50,910	20	...	2
Norfolk-Virginia Beach-Portsmouth- Chesapeake (Norfolk Regional)	1,550,095	3,455	...	2,437
Richmond (Richard E. Byrd Flying Field)	873,569	3,717	...	3,612
Roanoke Municipal	214,998	172	...	821
Dulles International	4,916,890	44,955	3	22,423
Washington National	7,113,121	8,467	9	31,484

SOURCE: U.S. Department of Transportation, Office of Aviation Information Management. *Airport Activity Statistics of Certified Route Air Carriers, 2 Months Ending December 31, 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Enplaned Passengers" include revenue passengers flying on all scheduled and nonscheduled flights, whether domestic or international.
"Cargo" in tons. Includes both originating and transfer cargo.

TABLE 21.33
Air Carrier Enplanements at Virginia Airports: 1960-1988

Airport	Air Carrier Enplanements						
	1988	1984	1980	1975	1970	1965	1960
Blacksburg/Radford	...	...	...	...	2.0	4.9	...
Charlottesville	135.0	82.0	65.6	52.9	35.8	22.7	13.7
Danville	9.9	1.1	0.4	6.0	6.3	6.3	5.9
Dulles International	4,746.5	1,681.8	1,307.4	1,085.9	1,000.6	403.9	...
Hot Springs	1.0	2.5	2.2	4.1	3.4	3.6	...
Lynchburg	95.2	52.0	47.8	52.0	46.8	30.5	16.8
Newport News	118.3	34.2	100.2	174.6	182.5	114.5	54.1
Norfolk	1,590.9	1,573.8	951.4	657.1	599.1	319.6	159.1
Richmond	931.8	655.8	619.8	410.6	351.9	225.3	138.0
Roanoke	347.7	265.4	389.9	311.8	249.4	140.8	76.2
Shenandoah Valley	13.4	13.2	18.8	17.3	18.3	18.6	7.4

SOURCE: Commonwealth of Virginia, Department of Aviation. "Air Carrier Enplanements at Virginia Airports." Richmond, Virginia, 1989. (Mimeographed.)

NOTE: In thousands. Includes certificated carriers from 1960-1975, both certificated and regional carriers since 1980.



TABLE 21.34
Registered General Aviation Aircraft and Pilots for the
U.S., Virginia, and Surrounding States: 1985-1987

	1987		1986		1985	
	Total Registered Aircraft	Active Pilots	Total Registered Aircraft	Active Pilots	Total Registered Aircraft	Active Pilots
United States	268,977	680,767	270,840	690,858	269,096	709,540
Virginia	3,950	15,374	3,857	15,079	3,705	14,722
Delaware	2,071	1,643	2,015	1,616	1,759	1,566
District of Columbia	489	666	515	672	488	680
Florida	16,506	45,095	16,174	45,466	15,653	45,091
Georgia	5,937	18,047	5,842	17,903	5,576	17,143
Kentucky	2,093	5,848	2,144	5,860	2,099	5,788
Maryland	3,251	10,037	3,204	9,894	3,086	9,677
North Carolina	5,991	14,784	5,891	14,330	5,607	13,577
South Carolina	2,327	6,916	2,259	6,795	2,200	6,538
Tennessee	3,989	11,911	3,987	11,845	3,747	11,473
West Virginia	1,237	2,533	1,248	2,579	1,258	2,631

SOURCE: U.S. Department of Transportation, Federal Aviation Administration. *Census of U.S. Civil Aircraft Calendar Year 1987*. U.S. Government Printing Office, Washington, D.C., annual.

TABLE 21.35
Journey to Work Statistics for Virginia's Counties and Cities: 1980

	Employment/ Residents Ratio	Persons Working Outside Locality of Residence	Means of Transportation		
			Drive Alone	Carpool	Public Transportation
Virginia	0.936	50.2%	61.1%	25.2%	5.1%
Counties					
Accomack	0.985	15.2	60.9	26.9	1.1
Albemarle	0.620	66.0	62.5	26.3	2.0
Alleghany	0.351	82.4	70.1	23.2	0.3
Amelia	0.670	45.4	50.9	36.8	0.9
Amherst	0.624	56.9	67.5	25.8	1.3
Appomattox	0.777	39.3	61.5	31.3	1.3
Arlington	1.368	66.4	44.4	20.6	24.5
Augusta	0.533	64.4	66.3	24.5	0.8
Bath	1.752	18.0	47.5	31.5	4.7
Bedford	0.317	78.0	66.8	26.3	0.5
Bland	0.677	47.7	50.7	37.1	0.5
Botetourt	0.500	63.8	70.1	22.4	0.4
Brunswick	0.820	31.1	54.1	35.2	1.0
Buchanan	1.366	10.9	65.7	27.0	1.0
Buckingham	0.555	50.5	51.8	38.0	1.3
Campbell	0.595	66.9	67.8	25.2	1.1
Caroline	0.532	60.8	59.3	32.7	2.1
Carroll	0.528	55.9	56.1	35.9	0.5
Charles City	0.273	79.7	55.1	39.9	1.0
Charlotte	0.753	39.3	55.6	30.0	0.9

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TABLE 21.35
Journey to Work Statistics for Virginia's
Counties and Cities: 1980, *CONTINUED*

	Employment/ Residents Ratio	Persons Working Outside Locality of Residence	Means of Transportation		
			Drive Alone	Carpool	Public Transportation
Chesterfield	0.483	70.6	71.8	23.8	0.9
Clarke	0.981	52.9	64.1	24.7	1.3
Craig	0.435	62.2	52.8	41.7	---
Culpeper	0.982	24.1	65.5	23.8	0.8
Cumberland	0.447	66.3	62.3	26.4	0.9
Dickenson	1.019	31.6	56.2	35.6	1.0
Dinwiddie	0.422	72.9	62.4	31.4	0.9
Essex	1.004	31.5	55.3	37.3	0.3
Fairfax	0.588	62.2	61.3	25.5	7.8
Fauquier	0.742	43.1	61.2	26.6	1.4
Floyd	0.633	42.3	49.0	38.1	1.1
Fluvanna	0.622	59.5	56.0	36.5	0.9
Franklin	0.681	37.7	59.2	32.0	1.2
Frederick	0.552	69.6	70.1	22.8	0.7
Giles	0.924	32.0	56.5	37.9	0.4
Gloucester	0.597	50.9	59.8	30.7	2.7
Goochland	0.545	66.8	63.1	30.5	0.4
Grayson	0.668	46.4	50.5	42.1	0.7
Greene	0.350	71.8	47.1	45.2	0.5
Greensville	0.271	82.3	60.6	29.4	1.9
Halifax	0.541	56.9	58.3	31.8	0.8
Hanover	0.639	67.0	68.7	24.9	0.4
Henrico	0.624	66.4	71.4	22.1	3.2
Henry	0.674	50.1	64.9	30.6	0.4
Highland	0.799	35.8	45.2	35.0	0.2
Isle of Wight	0.916	49.4	60.5	30.0	1.3
James City	0.306	86.1	67.0	24.6	2.4
King and Queen	0.451	67.4	53.2	34.0	2.4
King George	1.220	34.6	55.9	34.7	1.1
King William	0.768	56.0	56.8	34.2	1.1
Lancaster	1.105	14.6	64.8	25.5	1.7
Lee	0.686	35.9	57.0	31.7	0.6
Loudoun	0.718	51.7	61.9	28.3	2.1
Louisa	0.649	54.0	54.3	37.9	0.9
Lunenburg	0.837	25.6	60.3	29.6	0.9
Madison	0.601	49.5	58.9	30.8	0.1
Mathews	0.630	41.5	55.7	29.9	6.2
Mecklenburg	1.042	14.9	58.1	33.2	0.9
Middlesex	0.893	31.8	64.0	22.6	1.9
Montgomery	1.021	18.4	60.7	23.6	0.3
Nelson	0.556	54.8	54.0	37.7	0.7
New Kent	0.379	80.2	59.7	34.4	1.4
Northampton	1.115	15.0	58.3	31.7	0.3
Northumberland	0.774	35.3	65.0	24.3	1.3
Nottoway	1.115	20.7	60.8	28.4	0.8
Orange	0.862	36.0	58.5	30.9	1.4
Page	0.787	34.3	52.3	33.9	2.3
Patrick	0.700	38.7	53.2	36.9	0.4
Pittsylvania	0.443	63.8	61.0	30.9	1.7
Powhatan	0.491	69.5	62.4	31.1	1.0
Prince Edward	1.121	23.5	57.3	25.6	1.0
Prince George	1.072	43.2	54.0	15.3	4.2
Prince William	0.444	70.3	57.0	34.2	3.0
Pulaski	0.893	30.9	65.2	28.7	1.0
Rappahannock	0.693	50.1	63.4	22.2	0.7

CONTINUED ➡



TABLE 21.35
Journey to Work Statistics for Virginia's
Counties and Cities: 1980, *CONTINUED*

	Employment/ Residents Ratio	Persons Working Outside Locality of Residence	Means of Transportation		
			Drive Alone	Carpool	Public Transportation
Richmond	1.042	41.0	63.5	23.6	2.9
Roanoke	0.391	82.7	78.9	17.1	0.2
Rockbridge	0.583	57.8	63.2	26.1	2.1
Rockingham	0.622	53.8	61.3	25.9	0.3
Russell	0.814	36.6	57.0	34.0	0.7
Scott	0.487	62.1	56.6	36.6	0.5
Shenandoah	0.875	24.8	63.6	25.7	1.1
Smyth	1.012	14.6	58.0	34.3	0.7
Southampton	0.639	51.9	65.1	25.8	1.1
Spotsylvania	0.287	82.5	62.0	30.8	2.9
Stafford	0.324	80.3	53.5	32.3	3.9
Surry	1.172	51.6	52.8	34.6	1.9
Sussex	0.759	43.9	53.2	33.8	1.7
Tazewell	0.881	31.8	64.7	28.3	0.5
Warren	0.964	32.3	59.4	31.6	1.1
Washington	0.684	43.7	65.1	26.6	0.2
Westmoreland	0.680	41.9	57.6	35.4	1.9
Wise	1.036	23.5	65.8	26.7	0.5
Wythe	0.880	22.9	58.5	34.7	0.3
York	0.512	78.6	64.7	23.4	1.9
Cities					
Alexandria	1.113	72.6	49.4	23.8	19.7
Bedford	2.260	41.2	69.5	22.1	0.9
Bristol	1.829	39.6	71.0	19.6	1.5
Buena Vista	1.000	39.8	54.2	30.1	5.6
Charlottesville	1.983	19.3	52.6	18.8	6.7
Chesapeake	0.537	70.1	68.4	24.2	3.0
Clifton Forge	1.401	43.4	63.1	24.9	1.6
Colonial Heights	0.611	75.0	73.1	23.7	0.5
Covington	2.078	21.7	64.8	22.9	0.4
Danville	1.609	12.7	68.9	21.2	3.2
Emporia	2.897	20.8	65.9	23.1	1.0
Fairfax	2.156	72.8	66.5	20.4	6.1
Falls Church	2.920	75.5	59.1	21.4	11.7
Franklin	2.498	43.5	65.5	26.0	2.4
Fredericksburg	2.741	43.3	54.2	27.4	4.6
Galax	2.878	16.3	63.3	25.6	0.2
Hampton	1.021	39.1	64.4	24.2	4.3
Harrisonburg	2.308	23.5	60.6	16.0	1.7
Hopewell	1.362	44.3	69.2	24.3	0.7
Lexington	2.062	21.1	51.8	20.7	3.6
Lynchburg	1.769	10.2	67.3	18.3	5.5
Manassas	1.815	64.4	64.0	29.5	1.6
Manassas Park	0.153	94.6	66.9	29.1	1.4
Martinsville	2.908	26.6	64.0	26.6	1.3
Newport News	1.161	33.8	58.9	25.7	6.0
Norfolk	1.300	35.0	48.2	20.0	8.0
Norton	2.046	32.1	63.7	19.0	3.6
Petersburg	1.341	43.7	61.9	25.9	4.8
Poquoson	0.281	80.0	67.9	25.8	1.2
Portsmouth	1.196	37.3	59.7	26.7	5.3

CONTINUED ➡

TABLE 21.35
Journey to Work Statistics for Virginia's
Counties and Cities: 1980, *CONTINUED*

	Employment/ Residents Ratio	Persons Working Outside Locality of Residence	Means of Transportation		
			Drive Alone	Carpool	Public Transportation
Radford	1.708	33.3	62.6	19.4	1.3
Richmond	2.022	19.8	55.0	23.1	17.0
Roanoke	1.563	27.5	70.2	18.2	5.8
Salem	1.993	47.9	78.5	14.8	0.6
South Boston	2.313	28.0	65.5	27.9	0.7
Staunton	1.280	34.8	65.9	23.0	2.6
Suffolk	.851	39.6	61.3	28.2	3.7
Virginia Beach	.653	49.1	67.5	21.2	1.7
Waynesboro	2.011	22.2	68.2	22.9	1.1
Williamsburg	4.598	19.1	46.0	16.1	5.1
Winchester	1.958	33.7	64.9	18.7	3.1

SOURCE: U.S. Department of Commerce, Bureau of the Census. *County and City Data Book 1983*. U.S. Government Printing Office, Washington, D.C., 1983.

NOTES: "Employment/Residents Ratio" represents the number of persons working in locality divided by the number of resident workers in the locality who reported place of work.
 "Persons Working Outside Locality of Residence" and "Means of Transportation" are a percent of all employed persons residing in the locality.
 "Means of Transportation—Public Transportation" includes bus or streetcar, subway or elevated train, railroad, or taxi cab.



Section 22: Vital Statistics and Health

This section combines vital statistics (data on births, deaths, marriages, infant mortality, etc.) with information on various aspects of health care, such as health care personnel, hospitals, and nursing homes. Related data on health services other than hospitals will be found in Section 15 (Personal and Business Services). For readers interested in a more comprehensive description of sources in this field, a useful reference guide to the enormous variety of published health statistics is *A Guide to Health Data Resources*, by the Project HOPE Center for Health Affairs, Millwood, Virginia.

The Public Health Service of the U.S. Department of Health and Human Services publishes several of the main sources cited here. *Health United States*, an annual summary, gives national and state data on health care resources and expenditures. The *Report to the President and Congress on the Status of Health Personnel in the United States* presents data on the number and characteristics of health care personnel in each profession as well as an analysis of the trends that may affect these personnel. In addition, one department within the Public Health Service, the National Center for Health Statistics, is responsible for compiling the nation's vital statistics; it presents these data in both monthly and annual reports.

Two private organizations, the American Hospital Association and the Health Insurance Association of America, publish state data on hospitals, beds, and occupancy that are reproduced in the *State and Metropolitan Area Data Book* (U.S. Bureau of the Census). The Health Insurance Association of America also compiles a *Source Book of Health Insurance Data* with information on states' public health programs (see Table 22.19).

The detailed data for individual localities and hospitals in this section come from two state agencies. The Center for Health Statistics of the Virginia Department of Health compiles the Commonwealth's vital statistics in *Vital Statistics Annual Report*. Data on births and deaths in the state have been recorded since 1913; data on marriages and divorces since 1917 and 1918, respectively. The Center also provides data on the capacity and use of the state's health care facilities in its *Survey of Virginia Hospitals and Nursing Homes: Beds and Utilization* (Table 22.30). Another state agency, the Virginia Health Services Cost Review Commission, produces several reports that analyze hospital charges at facilities throughout the state, with additional information on bad debt, charity care, and the percent increase in charges over the previous year.

Additional data on specific hospitals in the state come from the Health Care Financing Administration (U.S. Department of Health and Human Services), which computes the mortality rate for medicare patients at each hospital (Table 22.13).

CONCEPTS

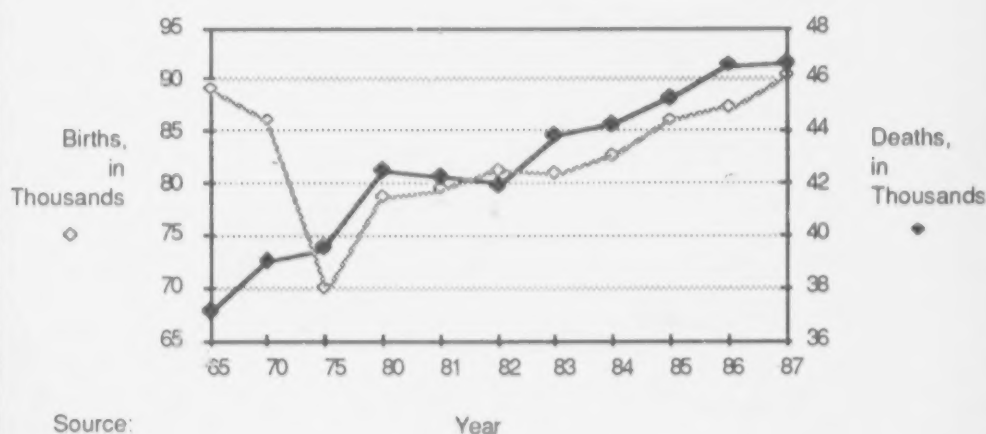
INFANT MORTALITY

The infant mortality rate is based on the deaths of children under one year of age.

VITAL STATISTICS BY PLACE OF RESIDENCE OR PLACE OF OCCURRENCE

Data on vital events (births, deaths, marriages, and divorces) are given in the *Vital Statistics Annual Report* both by place of residence and by place of occurrence. In the county/city tables presented here, the figures for live births and deaths are by place of residence (i.e., for a birth, the locality where the mother resides; for a death, the locality where the deceased resided). The figures for marriages and divorces are by place of occurrence (i.e., the locality where the marriage took place or the divorce was granted).

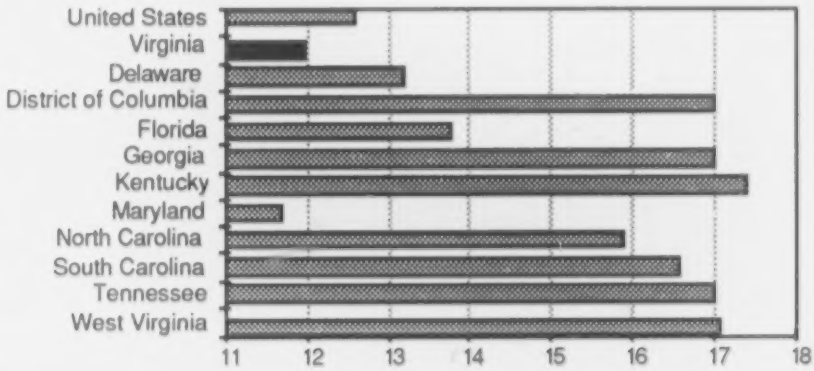
Figure 22.1
Births and Deaths, Virginia: 1965–1987



Source:
Table 22.1



Figure 22.2
Births to Teenage Mothers: 1986

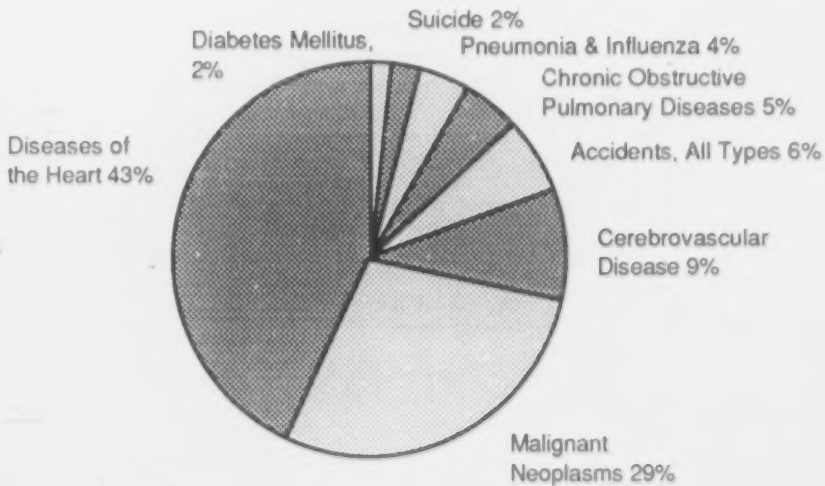


Source:
Table 22.4

Percent of Total Births

Figure 22.3
Resident Deaths from Major Causes, Virginia: 1987

Total Deaths: 37,380



Source:
Tables
22.11A/B

TABLE 22.1
Births, Deaths, Marriages, and Divorces, Virginia: 1965-1987

Year	Resident Births		Resident Deaths		Marriages		Divorces	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1987	90,314	15.4	46,618	7.9	67,004	11.4	25,606	4.4
1986	87,125	15.0	46,476	8.0	66,666	11.5	24,875	4.3
1985	85,984	15.0	45,236	7.9	66,541	11.6	24,131	4.2
1984	82,662	14.8	44,252	7.9	66,143	11.8	24,705	4.4
1983	80,779	14.6	43,734	7.9	61,858	11.2	25,482	4.6
1982	81,098	14.8	41,897	7.7	62,099	11.4	26,138	4.8
1981	79,278	14.6	42,199	7.8	61,410	11.3	25,103	4.6
1980	78,423	14.7	42,496	7.9	60,210	11.3	23,615	4.4
1975	70,032	14.1	39,543	8.0	54,688	11.0	19,361	3.9
1970	86,081	18.5	39,009	8.4	51,964	11.1	11,879	2.5
1965	89,139	20.1	37,043	8.4	45,976	10.4	8,889	2.0

SOURCE: Commonwealth of Virginia, Department of Health, Center for Health Statistics. 1987 *Vital Statistics Annual Report*. Richmond, Virginia, annual.

NOTES: "Birth Rate" is equal to the number of live births times 1,000, divided by the estimated midyear population. "Death Rate" is equal to the number of deaths times 1,000, divided by the estimated midyear population. "Marriage Rate" is equal to the number of marriages times 1,000, divided by the estimated midyear population. "Divorces" include annulments. "Divorce Rate" is equal to the number of divorces times 1,000, divided by the estimated midyear population.

TABLE 22.2
Live Births by State of Residence for the U.S., Virginia, and Surrounding States: 1970-1986

	1986	1985	1984	1983	1982	1980	1975	1970
United States	3,757	3,761	3,669	3,639	3,681	3,612	3,144	3,731
Virginia	87	86	83	81	81	78	70	86
Delaware	10	10	9	9	9	9	8	11
District of Columbia	10	10	10	9	9	9	10	15
Florida	168	164	155	149	145	132	106	115
Georgia	98	96	92	90	90	92	80	97
Kentucky	52	53	53	55	57	60	55	60
Maryland	70	68	65	64	64	60	53	69
North Carolina	90	89	86	84	86	84	81	98
South Carolina	52	52	51	51	52	52	47	52
Tennessee	66	67	65	65	67	69	62	72
West Virginia	23	24	25	26	27	29	28	31

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States*, 1989. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In thousands.



TABLE 22.3
Live Birth Rate by State of Residence for the U.S.,
Virginia, and Surrounding States: 1970-1986

	1986	1985	1984	1983	1982	1980	1975	1970
United States	15.6	15.8	15.5	15.5	15.9	15.9	14.6	18.4
Virginia	15.0	15.1	14.7	14.5	14.8	14.7	13.9	18.6
Delaware	15.3	15.5	15.1	15.2	15.3	15.8	14.0	19.2
District of Columbia	16.1	15.8	15.5	15.0	14.9	14.7	13.7	20.1
Florida	14.3	14.4	14.1	13.9	13.8	13.5	12.4	16.9
Georgia	16.1	16.1	15.8	15.7	16.0	16.9	15.8	21.1
Kentucky	13.9	14.2	14.3	14.7	15.4	16.3	15.8	18.7
Maryland	15.6	15.5	15.0	14.9	14.9	14.2	12.7	17.6
North Carolina	14.3	14.3	14.0	13.8	14.3	14.4	14.6	19.3
South Carolina	15.3	15.6	15.3	15.6	16.0	16.6	16.1	20.1
Tennessee	13.8	14.0	13.8	14.0	14.4	15.1	14.6	18.4
West Virginia	12.1	12.5	12.6	13.2	13.9	15.1	15.3	17.8

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: Rate per 1,000 population. Based on population (excluding Armed Forces abroad) enumerated on April 1, 1970 and 1980, and estimated as of July 1 for other years.

TABLE 22.4
Low Birth Weight and Births to Teenage Mothers and to Unmarried
Women for the U.S., Virginia, and Surrounding States: 1980-1986

	Percent of Births With Low Birth Weight			Births to Teenage Mothers Percent of Total			Births to Unmarried Women, Percent of Total		
	1986	1985	1980	1986	1985	1980	1986	1985	1980
United States	6.8%	6.8%	6.8%	12.6%	12.7%	15.6%	23.4%	22.0%	18.4%
Virginia	7.0	7.0	7.5	12.0	12.2	15.5	22.4	21.4	19.2
Delaware	7.4	7.3	7.7	13.2	13.7	16.7	27.0	26.2	24.2
District of Columbia	12.2	13.3	12.8	17.0	17.8	20.7	57.7	56.7	56.5
Florida	7.6	7.5	7.6	13.8	13.9	18.2	26.7	25.8	23.0
Georgia	8.1	8.1	8.6	17.0	17.3	20.7	27.2	25.7	23.2
Kentucky	7.1	7.0	6.8	17.4	17.6	21.1	20.0	18.5	15.1
Maryland	7.7	7.6	8.2	11.7	12.1	14.8	30.5	29.1	25.2
North Carolina	7.9	7.9	7.9	15.9	16.0	19.2	23.6	22.1	19.0
South Carolina	8.6	8.6	8.6	16.6	17.0	19.8	27.6	26.4	23.0
Tennessee	7.9	7.9	8.0	17.0	17.1	19.9	25.3	24.3	19.9
West Virginia	7.0	6.9	6.7	17.1	17.1	20.1	19.5	17.4	13.1

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: "Percent of Births With Low Birth Weight" are less than 2,500 grams (5 pounds-8 ounces).

TABLE 22.5
Live Births in Virginia's Counties and Cities: 1980-1987

	1987	1986	1985	1984	1983	1982	1981	1980
Virginia ¹	90,314	87,125	85,984	82,662	80,779	81,098	79,274	78,422
Counties								
Accomack	440	459	449	403	444	433	429	441
Albemarle	877	869	902	833	814	776	800	744
Alleghany	153	149	161	173	156	171	176	195
Amelia	97	132	115	118	122	117	125	113
Amherst	348	373	393	357	371	355	367	377
Appomattox	151	141	167	157	165	169	153	143
Arlington	2,553	2,457	2,466	2,263	2,232	2,269	1,987	1,941
Augusta	647	548	598	590	569	650	570	643
Bath	65	62	68	63	80	69	69	71
Bedford	562	524	523	463	493	477	455	477
Bland	68	75	66	69	78	76	84	84
Botetourt	280	255	263	252	258	241	238	258
Brunswick	201	190	195	179	200	189	223	228
Buchanan	364	406	408	422	522	614	526	616
Buckingham	170	168	180	167	145	140	148	171
Campbell	606	622	652	646	585	625	571	655
Caroline	285	280	293	274	255	279	241	283
Carroll	274	251	269	225	294	270	311	269
Charles City	90	90	84	109	116	95	126	122
Charlotte	161	139	170	155	152	156	170	181
Chesterfield	3,074	2,836	2,646	2,501	2,467	2,348	2,320	2,175
Clarke	141	144	131	121	117	129	120	132
Craig	47	45	47	56	52	38	38	50
Culpeper	382	379	342	345	337	357	347	332
Cumberland	104	106	90	106	85	110	92	95
Dickenson	197	198	224	243	237	313	275	302
Dinwiddie	247	251	252	236	226	229	237	265
Essex	111	125	123	115	119	120	133	111
Fairfax	11,543	10,788	10,567	9,907	9,465	9,246	8,796	8,312
Fauquier	686	675	613	596	539	571	572	523
Floyd	102	131	111	123	117	126	135	142
Fluvanna	160	171	139	144	131	144	161	160
Franklin	457	469	377	428	395	434	428	420
Frederick	579	511	483	448	483	511	539	532
Giles	199	183	213	184	187	218	214	191
Gloucester	456	408	447	360	320	304	314	290
Goochland	193	163	150	156	142	171	153	148
Grayson	169	172	183	169	167	179	187	173
Greene	148	159	143	123	140	138	155	142
Greensville	176	145	156	166	162	158	152	175
Halifax	371	319	321	371	391	369	410	418
Hanover	814	684	761	690	652	645	659	651
Henrico	2,929	2,767	2,688	2,574	2,603	2,490	2,378	2,369
Henry	778	728	673	653	698	652	700	742
Highland	24	36	21	48	42	31	26	36
Isle of Wight	378	393	378	335	341	300	293	320
James City	344	357	344	377	299	333	313	247
King and Queen	91	81	91	103	84	72	64	83
King George	206	199	174	212	165	148	159	170
King William	160	145	159	147	133	169	128	135
Lancaster	125	133	123	169	143	150	134	114
Lee	342	305	302	317	292	325	312	369
Loudoun	1,384	1,216	1,222	1,024	960	992	920	896
Louisa	285	271	269	270	264	272	249	249
Lunenburg	149	160	175	162	162	180	176	146

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TABLE 22.5

Live Births in Virginia's Counties and Cities: 1980–1987, *CONTINUED*

	1987	1986	1985	1984	1983	1982	1981	1980
Madison	149	151	152	149	146	129	153	138
Mathews	94	77	93	90	84	79	90	86
Mecklenburg	360	353	376	354	363	389	376	381
Middlesex	94	95	115	80	99	90	79	89
Montgomery	787	747	759	719	729	703	712	654
Nelson	158	180	155	168	164	166	161	187
New Kent	147	152	149	156	136	110	124	121
Northampton	183	194	167	194	192	215	187	238
Northumberland	118	109	103	102	103	117	120	116
Nottoway	161	183	174	168	183	197	175	208
Orange	279	254	278	269	232	279	259	301
Page	259	239	243	271	252	280	250	294
Patrick	196	179	168	165	190	184	186	189
Pittsylvania	781	831	805	894	826	911	916	850
Powhatan	174	165	136	163	157	143	146	150
Prince Edward	227	201	216	197	199	187	186	226
Prince George	328	331	316	354	373	417	360	423
Prince William	3,843	3,256	3,282	3,152	2,997	3,158	3,097	2,882
Pulaski	368	423	410	377	399	395	440	439
Rappahannock	76	76	78	73	60	92	67	67
Richmond	82	96	88	84	77	99	85	92
Roanoke	778	820	794	753	688	730	812	831
Rockbridge	206	213	190	227	216	230	235	238
Rockingham	770	739	762	703	712	790	784	838
Russell	340	331	356	398	405	422	419	426
Scott	254	268	282	261	255	275	281	290
Shenandoah	376	360	343	307	325	348	373	367
Smyth	371	360	365	360	406	393	424	425
Southampton	208	176	199	196	227	200	210	231
Spotsylvania	713	703	628	612	511	568	545	522
Stafford	777	688	684	666	632	652	592	584
Surry	102	100	90	100	82	91	95	87
Sussex	172	174	161	159	149	156	142	156
Tazewell	566	562	585	607	692	711	782	713
Warren	394	362	344	301	288	277	308	292
Washington	494	548	495	464	485	536	513	560
Westmoreland	198	222	212	209	168	166	192	196
Wise	509	607	603	596	673	737	745	818
Wythe	286	299	330	315	295	309	328	321
York	324	318	339	374	326	311	310	264
Cities								
Alexandria	1,685	1,721	1,717	1,588	1,600	1,446	1,436	1,435
Bedford	65	58	90	62	64	80	64	68
Bristol	207	200	197	222	199	223	226	221
Buena Vista	66	62	51	66	58	57	92	74
Charlottesville	601	553	546	579	581	568	538	532
Chesapeake	2,478	2,326	2,264	2,135	2,045	1,954	1,967	1,988
Clifton Forge	55	51	52	58	71	46	65	53
Colonial Heights	200	196	194	176	182	191	201	181
Covington	71	97	103	98	78	98	96	126
Danville	592	560	559	593	563	563	582	620
Emporia	77	57	57	54	57	80	74	72
Fairfax	285	306	315	311	307	306	371	310
Falls Church	124	115	116	109	113	98	118	107
Franklin	145	171	147	140	132	116	128	147
Fredericksburg	314	314	284	279	268	239	215	230
Galax	106	77	106	99	83	76	61	78
Hampton	2,301	2,379	2,231	2,118	2,246	2,198	2,039	2,056
Harrisonburg	296	256	281	252	237	177	220	242

CONTINUED ➡

TABLE 22.5

Live Births in Virginia's Counties and Cities: 1980-1987, *CONTINUED*

	1987	1986	1985	1984	1983	1982	1981	1980
Hopewell	388	435	459	407	361	427	399	420
Lexington	41	41	44	44	49	43	42	51
Lynchburg	958	891	934	870	861	876	899	840
Manassas	466	562	438	423	404	358	385	361
Manassas Park	139	141	140	113	132	136	119	120
Martinsville	253	250	304	299	237	287	243	184
Newport News	3,173	3,212	3,055	2,949	2,964	2,902	2,960	2,704
Norfolk	5,598	5,396	5,555	5,449	5,282	5,365	5,090	5,021
Norton	54	52	76	76	77	76	49	89
Petersburg	684	735	708	698	684	628	661	700
Poquoson	121	109	112	86	90	99	117	114
Portsmouth	1,973	1,920	1,927	1,930	1,920	2,004	1,957	1,885
Radford	118	140	139	135	128	89	103	113
Richmond	3,518	3,473	3,480	3,409	3,362	3,467	3,414	3,432
Roanoke	1,432	1,505	1,486	1,419	1,395	1,407	1,335	1,427
Salem	259	267	262	259	262	260	250	284
South Boston	86	81	68	88	98	89	100	78
Staunton	266	301	302	290	304	278	296	306
Suffolk	800	784	737	760	743	706	723	742
Virginia Beach	6,832	6,308	6,092	5,617	5,158	5,002	4,645	4,416
Waynesboro	250	282	248	312	288	253	270	272
Williamsburg	254	250	203	144	190	180	134	149
Winchester	338	306	290	252	269	265	275	277
MSAs								
Bristol (Va. portion)	955	1,016	974	947	939	1,034	1,020	1,071
Charlottesville	1,786	1,752	1,730	1,679	1,646	1,626	1,654	1,578
Danville	1,373	1,391	1,364	1,487	1,389	1,474	1,498	1,470
Lynchburg	1,912	1,886	1,979	1,873	1,817	1,856	1,837	1,872
Norfolk	24,654	23,767	23,306	22,299	21,583	21,358	20,569	19,876
Northern Virginia	22,799	21,250	20,947	19,556	18,842	18,661	17,819	16,948
Richmond	12,786	12,278	12,023	11,631	11,454	11,361	11,178	11,157
Roanoke	2,749	2,847	2,805	2,683	2,603	2,638	2,635	2,800
Planning Districts								
LENOWISCO	1,159	1,232	1,263	1,250	1,297	1,413	1,387	1,546
Cumberland Plateau	1,467	1,497	1,573	1,670	1,856	2,060	2,002	2,057
Mount Rogers	1,975	1,982	2,021	1,923	2,007	2,062	2,134	2,131
New River Valley	1,574	1,624	1,632	1,538	1,560	1,531	1,604	1,539
Fifth	3,075	3,189	3,168	3,068	2,960	2,991	3,010	3,224
Central Shenandoah	2,631	2,540	2,565	2,595	2,555	2,578	2,604	2,771
Lord Fairfax	2,087	1,922	1,834	1,700	1,734	1,810	1,865	1,894
Northern Virginia	22,022	20,562	20,263	18,890	18,210	18,009	17,227	16,364
Rappahannock-Rapidan	1,572	1,535	1,463	1,432	1,314	1,428	1,398	1,361
Thomas Jefferson	2,229	2,203	2,154	2,117	2,074	2,064	2,064	2,014
Central Virginia	2,690	2,609	2,759	2,555	2,539	2,582	2,509	2,560
West Piedmont	3,057	3,017	2,886	3,032	2,909	3,031	3,055	3,005
Southside	1,018	943	960	992	1,052	1,036	1,109	1,105
Piedmont	1,069	1,089	1,120	1,073	1,048	1,087	1,072	1,140
Richmond Regional	10,939	10,330	10,094	9,758	9,628	9,469	9,320	9,168
RADCO	2,295	2,184	2,063	2,043	1,831	1,886	1,752	1,789
Northern Neck	523	560	526	564	491	532	531	518

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TABLE 22.5
Live Births in Virginia's Counties and Cities: 1980–1987, *CONTINUED*

	1987	1986	1985	1984	1983	1982	1981	1980
Middle Peninsula	1,006	931	1,028	903	839	834	808	794
Crater	2,374	2,424	2,393	2,352	2,276	2,377	2,321	2,479
Southeastern Virginia	18,412	17,474	17,299	16,562	15,848	15,647	15,013	14,750
Peninsula	6,517	6,625	6,284	6,048	6,115	6,023	5,873	5,534
Accomack-Norhampton	623	653	636	597	636	648	616	679

SOURCE: Commonwealth of Virginia, Center for Health Statistics. *1987 Vital Statistics Annual Report*. Richmond, Virginia, annual.

NOTES: ¹State totals for 1980 and 1981 include unknown category.
 A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
 A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 22.6
Legal Abortions for the U.S., Virginia, and Surrounding States: 1980–1985

	Number of Abortions			Ratio: Abortions Per 1,000 Live Births		
	1985	1984	1980	1985	1984	1980
United States	1,588.6	1,577.2	1,553.9	425	422	428
Virginia	34.2	31.7	31.8	412	385	417
Delaware	4.6	4.7	3.7	451	506	395
District of Columbia	23.9	23.7	28.5	1,186	1,170	1,569
Florida	76.7	75.8	73.6	465	470	547
Georgia	38.3	38.7	37.9	397	402	395
Kentucky	9.8	10.1	12.8	189	194	215
Maryland	29.5	29.1	30.5	480	496	571
North Carolina	34.2	35.8	31.9	379	398	377
South Carolina	11.2	11.3	13.7	228	229	274
Tennessee	22.6	22.6	25.6	315	317	352
West Virginia	4.6	4.7	3.0	185	184	104

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1986*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: By state of occurrence.
 "Number of Abortions" in thousands.

TABLE 22.7
Infant Mortality Rates by Race for the U.S., Virginia,
and Surrounding States: 1974-76 to 1984-86

	Average Annual Rates								
	Total			White			Black		
	1984-86	1979-81	1974-76	1984-86	1979-81	1974-76	1984-86	1979-81	1974-76
United States	10.6	12.5	16.0	9.2	11.0	14.1	18.2	21.0	26.2
Virginia	11.6	13.5	16.9	9.4	11.7	14.2	18.9	20.0	25.4
Delaware	12.4	14.8	14.8	9.9	10.9	12.9	20.8	27.4	21.5
District of Columbia	21.0	24.1	27.0	10.4	13.7	17.2	24.0	26.3	28.8
Florida	11.0	14.2	16.7	8.8	11.5	13.4	18.1	22.4	26.8
Georgia	12.7	14.4	17.4	9.6	10.9	13.8	18.6	20.8	24.4
Kentucky	10.9	12.2	15.7	10.3	11.5	15.1	17.2	19.7	22.0
Maryland	11.8	13.7	16.6	9.5	11.2	14.2	17.7	20.0	23.7
North Carolina	11.9	14.3	18.5	9.5	11.3	15.4	18.0	21.1	26.4
South Carolina	14.0	16.3	20.0	10.3	11.9	15.4	20.2	22.9	27.6
Tennessee	11.4	13.2	16.5	9.1	11.2	14.3	19.2	20.4	25.0
West Virginia	10.7	12.9	18.0	10.3	12.5	17.7	20.9	23.2	26.5

SOURCE: U.S. Department of Health and Human Services, Public Health Service, *Health United States 1988*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: Number of infant deaths per 1,000 live births.

TABLE 22.8
Deaths by State of Residence for the U.S.,
Virginia, and Surrounding States: 1970-1986

	1986	1985	1984	1983	1982	1980	1970
United States	2,105	2,086	2,039	2,019	1,975	1,990	1,921
Virginia	47	45	44	44	42	43	39
Delaware	6	5	5	5	5	5	5
District of Columbia	7	7	7	7	7	7	9
Florida	124	121	115	113	109	105	75
Georgia	49	49	47	46	44	44	42
Kentucky	35	35	34	34	33	34	33
Maryland	37	37	35	35	34	34	33
North Carolina	55	53	51	50	49	48	45
South Carolina	28	27	26	26	25	25	23
Tennessee	44	43	42	42	40	41	38
West Virginia	20	19	19	19	19	19	20

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In thousands. Excludes deaths of nonresidents of the U.S.



TABLE 22.9
Death Rates by State of Residence for the U.S.,
Virginia, and Surrounding States: 1970–1986

	1986	1985	1984	1983	1982	1980	1970
United States	8.7	8.7	8.6	8.6	8.5	8.8	9.5
Virginia	8.0	7.9	7.9	7.9	7.6	8.0	8.4
Delaware	8.9	8.8	8.3	8.3	8.5	8.5	9.0
District of Columbia	11.7	11.2	10.8	10.9	10.7	11.1	11.7
Florida	10.6	10.7	10.4	10.5	10.4	10.7	11.0
Georgia	8.1	8.1	8.0	8.0	7.8	8.1	9.1
Kentucky	9.3	9.4	9.0	9.2	8.9	9.2	10.3
Maryland	8.4	8.3	8.2	8.2	8.0	8.1	8.4
North Carolina	8.6	8.5	8.3	8.3	8.1	8.2	8.8
South Carolina	8.3	8.1	8.0	8.0	7.8	8.1	8.8
Tennessee	9.2	9.1	9.0	8.9	8.7	8.9	9.7
West Virginia	10.4	10.0	9.8	9.9	9.7	9.9	11.5

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: Rate is per 1,000 population. Excludes deaths to nonresidents of the U.S.

TABLE 22.10A
Death Rates by Cause for the U.S., Virginia, and Surrounding States: 1986

	Total	Diseases of the Heart	Malignant Neoplasms	Cerebro- Vascular Diseases	Accidents & Adverse Effects	Chronic Obstructive Pulmonary Diseases
United States	873.2	317.5	194.7	62.1	39.5	31.8
Virginia	802.7	276.0	186.9	61.3	39.3	28.1
Delaware	889.6	325.6	210.7	43.1	39.5	29.4
District of Columbia	1,165.4	348.0	266.6	65.6	29.4	23.4
Florida	1,056.1	385.3	249.4	74.3	42.8	41.5
Georgia	809.0	275.1	168.6	68.3	46.7	28.2
Kentucky	934.5	343.6	202.8	70.6	45.9	41.5
Maryland	837.4	295.0	202.0	51.8	33.9	26.9
North Carolina	862.6	306.2	183.1	70.9	50.2	28.8
South Carolina	832.3	292.8	171.0	72.4	55.2	25.9
Tennessee	921.9	303.6	197.7	74.9	50.7	34.6
West Virginia	1,036.4	403.6	224.8	70.9	45.1	45.4

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: Deaths per 100,000 resident population, by place of residence.
 "Total" includes other causes not shown separately.
 "Chronic Obstructive Pulmonary Diseases" includes allied conditions.

TABLE 22.10B
Death Rates by Cause for the U.S., Virginia, and
Surrounding States: 1986, Continued

	Pneumonia, Flu	Diabetes Mellitus	Suicide	Chronic Liver Disease & Cirrhosis	Athero- sclerosis	Homicide & Legal Intervention
United States	29.0	15.4	12.8	10.9	9.4	9.0
Virginia	27.6	12.1	14.1	8.6	9.1	7.8
Delaware	25.1	25.0	13.3	13.7	8.5	5.7
District of Columbia	38.2	22.9	12.0	32.5	8.2	28.2
Florida	24.5	16.8	16.0	14.4	10.3	12.4
Georgia	24.8	14.0	13.0	9.3	6.2	12.8
Kentucky	33.3	16.6	14.2	8.2	9.5	7.1
Maryland	23.8	15.6	12.2	8.8	6.0	9.5
North Carolina	28.4	14.9	12.2	10.0	8.9	9.3
South Carolina	24.7	16.1	11.4	9.2	7.4	9.6
Tennessee	30.2	13.9	12.9	7.9	8.5	10.8
West Virginia	33.8	20.9	14.2	10.7	10.0	6.2

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: Deaths per 100,000 resident population, by place of residence.

TABLE 22.11A
Resident Deaths from Major Causes, Virginia: 1975-1987

Year	Diseases of the Heart		Malignant Neoplasms		Cerebrovascular Disease		Accidents, All Types	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1987	15,988	272.2	10,789	183.7	3,438	58.5	2,302	39.2
1986	15,981	275.5	10,825	186.6	3,552	61.2	2,273	39.2
1985	16,036	280.1	10,455	182.6	3,510	61.3	2,176	38.0
1984	15,989	285.6	10,016	178.9	3,474	62.1	2,185	39.0
1983	16,151	292.2	9,947	180.0	3,486	63.1	2,076	37.6
1982	15,490	283.6	9,555	174.9	3,461	63.4	2,043	37.4
1981	15,442	284.4	9,090	167.4	3,819	70.3	2,253	41.5
1980	15,733	294.3	9,139	170.9	3,750	70.1	2,450	45.8
1979	15,366	292.2	8,628	164.0	3,715	70.0	2,213	42.1
1978	15,275	296.7	8,117	157.7	3,746	72.8	2,404	46.7
1977	14,460	281.6	7,962	155.1	3,852	75.0	2,597	50.6
1976	14,895	296.0	7,533	149.7	3,958	78.7	2,385	47.4
1975	14,587	293.7	7,463	150.3	3,932	79.2	2,508	50.5

SOURCE: Commonwealth of Virginia, Center for Health Statistics. *1987 Vital Statistics Annual Report*. Richmond, Virginia, annual.

NOTE: "Rate" is per 100,000 total resident population.

**TABLE 22.11B**
Resident Deaths from Major Causes, Virginia: 1975–1987, Continued

Year	Chronic Obstructive Pulmonary Diseases		Pneumonia & Influenza		Suicide		Diabetes Mellitus	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1987	1,701	29.0	1,592	27.1	830	14.1	740	12.6
1986	1,630	28.1	1,592	27.4	810	14.0	703	12.1
1985	1,545	27.0	1,453	25.4	751	13.1	626	10.9
1984	1,457	26.0	1,292	23.1	710	12.7	634	11.3
1983	1,396	25.3	1,263	22.9	718	13.0	668	12.1
1982	1,225	22.4	1,115	20.4	761	13.9	624	11.4
1981	1,242	22.9	1,252	23.1	711	13.1	633	11.7
1980	1,130	21.1	1,149	21.5	718	13.4	691	12.9
1979	1,010	19.2	1,025	19.5	775	14.7	597	11.4
1978	NA	...	1,292	25.1	732	14.2	629	12.2
1977	NA	...	1,121	21.6	807	15.7	632	12.3
1976	NA	...	1,394	27.7	795	15.8	620	12.3
1975	NA	...	1,293	26.0	760	15.3	627	12.6

SOURCE: Commonwealth of Virginia, Center for Health Statistics. *1987 Vital Statistics Annual Report*. Richmond, Virginia, annual.NOTES: "Rate" is per 100,000 total resident population.
NA—Not available.**TABLE 22.12**
Deaths in Virginia's Counties and Cities: 1980–1987

	1987	1986	1985	1984	1983	1982	1981	1980
Virginia	45,618	46,476	45,236	44,252	43,734	41,897	42,199	42,496
Counties								
Accomack	474	430	458	445	459	422	394	447
Albemarle	376	368	370	347	329	353	380	349
Alleghany	145	137	143	105	124	132	108	121
Amelia	93	91	85	80	95	94	88	90
Amherst	250	241	237	226	267	245	231	238
Appomattox	146	110	101	117	131	109	109	104
Arlington	1,157	1,182	1,153	1,154	1,095	1,102	1,068	1,159
Augusta	376	438	435	467	423	427	448	464
Bath	65	61	57	58	45	65	63	70
Bedford	341	321	323	314	326	308	277	275
Bland	59	59	60	60	61	45	60	55
Botetourt	181	198	200	197	208	165	204	184
Brunswick	187	191	164	169	184	153	184	176
Buchanan	248	275	246	233	272	263	267	263
Buckingham	128	142	149	130	126	108	115	127
Campbell	341	356	327	341	326	313	333	321
Caroline	180	172	189	157	165	139	174	145
Carroll	282	261	241	289	262	243	258	240
Charles City	56	65	65	66	58	55	42	47
Charlotte	141	137	134	140	148	116	133	150
Chesterfield	861	802	794	736	725	721	700	635
Clarke	128	115	107	91	90	109	110	105
Craig	41	36	33	47	46	46	51	36

CONTINUED ➡

TABLE 22.12

Deaths in Virginia's Counties and Cities: 1980-1987, *CONTINUED*

	1987	1986	1985	1984	1983	1982	1981	1980
Culpeper	246	264	236	200	241	251	232	184
Cumberland	98	81	76	90	12	87	74	78
Dickenson	156	154	182	177	171	162	175	179
Dinwiddie	175	190	194	189	182	170	175	191
Essex	121	100	87	97	95	79	101	100
Fairfax	2,994	3,037	2,867	2,832	2,698	2,514	2,494	2,409
Fauquier	376	302	349	320	295	292	265	288
Floyd	142	125	128	105	116	102	97	101
Fluvanna	93	91	114	85	107	106	84	87
Franklin	313	306	309	280	300	319	292	292
Frederick	277	265	276	249	246	237	244	208
Giles	169	175	176	160	175	186	153	178
Gloucester	231	232	188	220	196	198	194	168
Goochland	97	108	107	97	107	98	116	95
Grayson	153	173	189	176	180	183	180	160
Greene	79	59	63	69	74	57	65	56
Greensville	98	87	106	114	121	82	87	118
Halifax	318	326	255	311	334	281	306	317
Hanover	437	430	467	431	391	389	376	398
Henrico	1,726	1,752	1,735	1,637	1,682	1,572	1,576	1,483
Henry	440	496	444	455	376	408	419	425
Highland	43	26	35	41	36	30	35	23
Isle of Wight	180	191	177	224	181	198	195	189
James City	173	163	152	160	139	132	138	150
King and Queen	78	79	50	69	74	68	80	63
King George	108	98	102	78	77	80	83	85
King William	97	94	92	105	86	97	87	90
Lancaster	150	172	160	174	158	156	165	164
Lee	271	270	300	284	298	265	266	278
Loudoun	415	404	357	367	364	313	318	322
Louisa	190	198	208	190	190	173	193	162
Lunenburg	152	148	130	137	142	144	151	137
Madison	115	96	104	116	98	102	94	104
Mathews	106	121	106	120	117	105	124	106
Mecklenburg	393	366	375	333	336	336	351	288
Middlesex	135	114	106	104	120	103	94	123
Montgomery	391	357	394	345	382	315	333	309
Nelson	134	139	169	149	151	149	149	133
New Kent	66	74	64	74	67	64	55	57
Northampton	218	179	228	209	230	186	206	172
Northumberland	144	153	152	149	144	141	132	148
Nottoway	189	227	214	178	186	167	179	195
Orange	216	241	233	186	213	198	175	221
Page	208	201	215	199	200	218	213	226
Patrick	156	173	158	132	176	149	155	163
Pittsylvania	643	584	556	582	570	563	545	584
Powhatan	84	92	78	72	86	71	79	71
Prince Edward	181	164	171	156	164	157	168	159
Prince George	117	140	112	105	95	97	98	105
Prince William	573	596	562	554	506	531	468	495
Pulaski	339	340	315	318	310	290	314	331
Rappahannock	58	78	62	59	60	70	63	38
Richmond	81	78	92	86	95	73	87	84
Roanoke	681	678	649	623	569	546	537	530
Rockbridge	183	149	166	172	181	164	171	184
Rockingham	510	480	439	427	434	421	439	430
Russell	256	278	246	268	279	261	235	263
Scott	245	329	270	251	245	238	243	242
Shenandoah	310	369	351	323	336	325	287	313
Smyth	355	365	379	318	339	312	346	325

CONTINUED ➡



TABLE 22.12
Deaths in Virginia's Counties and Cities: 1980–1987, *CONTINUED*

	1987	1986	1985	1984	1983	1982	1981	1980
Southampton	184	218	160	196	182	152	173	162
Spotsylvania	295	253	219	210	223	194	198	191
Stafford	260	257	243	215	255	187	207	202
Surry	72	72	80	64	50	46	59	62
Sussex	126	127	117	123	118	124	109	124
Tazewell	441	470	454	464	441	449	456	462
Warren	240	229	226	223	204	200	184	198
Washington	492	413	441	396	400	429	402	420
Westmoreland	191	171	190	174	185	170	168	161
Wise	412	480	387	409	406	394	409	433
Wythe	279	289	238	277	272	227	275	278
York	194	180	181	163	159	157	199	154
Cities								
Alexandria	843	835	853	775	745	798	763	830
Bedford	123	93	119	126	113	103	120	109
Bristol	218	252	256	238	223	225	218	241
Buena Vista	85	67	68	64	63	59	70	58
Charlottesville	372	411	372	392	345	400	350	400
Chesapeake	1,005	991	921	886	863	805	826	815
Clifton Forge	94	97	93	81	67	82	78	86
Colonial Heights	161	144	139	157	151	131	152	124
Covington	94	90	113	114	100	92	108	122
Danville	602	627	607	590	566	555	585	562
Emporia	95	74	76	85	78	68	72	69
Fairfax	133	146	127	114	118	134	121	115
Falls Church	64	65	73	82	81	63	58	86
Franklin	114	95	97	90	94	78	81	76
Fredericksburg	216	187	206	155	197	177	172	169
Galax	91	94	93	90	114	79	82	71
Hampton	929	930	920	869	825	812	857	820
Harrisonburg	192	210	198	180	214	146	142	138
Hopewell	242	264	218	233	244	215	222	192
Lexington	63	60	70	75	69	71	58	70
Lynchburg	781	762	740	731	804	745	765	675
Manassas	144	106	97	119	108	102	89	83
Manassas Park	28	35	20	12	13	18	31	28
Martinsville	231	232	219	207	202	215	194	217
Newport News	1,262	1,259	1,156	1,154	1,082	1,016	1,099	1,180
Norfolk	2,279	2,310	2,295	2,276	2,230	2,124	2,230	2,420
Norton	48	56	56	52	50	49	44	57
Petersburg	493	439	475	488	459	453	463	460
Poquoson	58	60	61	68	50	43	44	62
Portsmouth	1,074	1,105	1,116	1,119	1,091	1,043	985	1,040
Radford	104	100	97	95	99	92	91	105
Richmond	2,664	2,615	2,575	2,683	2,637	2,653	2,556	2,739
Roanoke	1,234	1,212	1,262	1,158	1,196	1,234	1,216	1,227
Salem	250	246	269	276	236	221	225	230
South Boston	107	83	74	89	80	88	89	84
Staunton	269	275	277	267	241	257	252	256
Suffolk	514	539	537	493	508	481	513	551
Virginia Beach	1,649	1,629	1,461	1,403	1,385	1,252	1,293	1,185
Waynesboro	207	187	188	174	164	139	157	164
Williamsburg	93	84	110	118	103	90	77	105
Winchester	268	266	248	260	251	246	259	250
MSAs								
Bristol (Va. portion)	955	994	967	885	868	892	863	903
Charlottesville	920	929	919	893	855	916	879	892

CONTINUED ➡

TABLE 22.12
Deaths in Virginia's Counties and Cities: 1980-1987, CONTINUED

	1987	1986	1985	1984	1983	1982	1981	1980
Danville	1,245	1,211	1,163	1,172	1,136	1,118	1,130	1,146
Lynchburg	1,372	1,359	1,304	1,298	1,397	1,303	1,329	1,234
Norfolk	9,461	9,482	9,098	8,929	8,631	8,153	8,455	8,650
Northern Virginia	6,611	6,663	6,352	6,224	5,983	5,762	5,617	5,729
Richmond	7,179	7,155	7,023	6,968	6,884	6,689	6,610	6,597
Roanoke	2,346	2,334	2,380	2,254	2,211	2,166	2,182	2,171
Planning Districts								
LENOXISCO	976	1,135	1,013	996	999	946	962	1,010
Cumberland Plateau	1,101	1,177	1,128	1,142	1,163	1,135	1,133	1,167
Mount Rogers	1,929	1,906	1,897	1,844	1,851	1,743	1,821	1,790
New River Valley	1,145	1,097	1,110	1,023	1,082	985	988	1,024
Fifth	2,720	2,694	2,762	2,601	2,548	2,518	2,527	2,536
Central Shenandoah	1,993	1,953	1,933	1,925	1,870	1,779	1,835	1,857
Lord Fairfax	1,431	1,445	1,423	1,345	1,327	1,335	1,297	1,300
Northern Virginia	6,351	6,406	6,109	6,009	5,728	5,575	5,410	5,527
Rappahannock-Rapidan	1,011	981	984	881	907	913	829	835
Thomas Jefferson	1,244	1,266	1,296	1,232	1,196	1,238	1,221	1,187
Central Virginia	1,982	1,883	1,847	1,855	1,967	1,823	1,835	1,722
West Piedmont	2,385	2,418	2,293	2,246	2,190	2,209	2,190	2,243
Southside	1,005	966	868	902	934	858	930	865
Piedmont	982	990	959	911	953	873	908	936
Richmond Regional	5,991	5,978	5,885	5,796	5,753	5,623	5,500	5,525
RADCO	1,059	967	959	815	917	777	834	792
Northern Neck	566	574	594	583	582	540	552	557
Middle Peninsula	768	740	629	715	688	650	680	650
Crater	1,572	1,537	1,517	1,558	1,498	1,386	1,437	1,445
Southeastern Virginia	6,999	7,078	6,764	6,687	6,534	6,133	6,296	6,438
Peninsula	2,709	2,675	2,580	2,532	2,358	2,250	2,414	2,471
Accomack-Norhampton	692	609	686	654	689	608	600	619

SOURCE: Commonwealth of Virginia, Center for Health Statistics. 1987 Vital Statistics Annual Report, Richmond, Virginia, annual.

NOTES: Deaths are tabulated by place of residence of the deceased, not by place of occurrence.
A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 22.13
Medicare Hospital Mortality Data for Virginia Hospitals: 1986 and 1987

Hospital	1987			1986		
	Number of Patients	Actual Mortality Rate	Range of Predicted Mortality Rate	Number of Patients	Actual Mortality Rate	Range of Predicted Mortality Rate
Alexandria Hospital	2,068	9.0%	9 - 13	1,850	11.0%	9 - 13
Allegheny Hospital	1,653	9.0	10 - 14	1,712	10.0	9 - 14
Arlington Hospital	2,092	11.0	10 - 14	2,081	12.0	10 - 14
Bath County Community Hospital	173	10.0	10 - 20	186	11.0	12 - 22
Bedford County Memorial Hospital	486	17.0	10 - 17	503	16.0	10 - 17

CONTINUED ➡



TABLE 22.13
Medicare Hospital Mortality Data for Virginia
Hospitals: 1986 and 1987, *CONTINUED*

Hospital	1987			1986		
	Number of Patients	Actual Mortality Rate	Range of Predicted Mortality Rate	Number of Patients	Actual Mortality Rate	Range of Predicted Mortality Rate
Blue Ridge Hospital Division						
University of Virginia	66	3.0	2 - 14	152	12.0	6 - 17
Buchanan General Hospital	968	7.0	8 - 13	1,163	7.0	7 - 12
Central Virginia Training Center	171	2.0	3 - 9	154	5.0	3 - 11
Chesapeake General Hospital	1,823	13.0	9 - 14	1,696	15.0	10 - 15
Chippenham Hospital	2,687	9.0	8 - 12	2,616	10.0	8 - 13
Community Hospital of						
Roanoke Valley	2,494	11.0	9 - 13	2,590	11.0	9 - 13
Community Memorial Hospital	1,003	13.0	11 - 17	982	13.0	10 - 15
Culpeper Memorial Hospital Inc.	734	12.0	9 - 15	750	12.0	9 - 15
DePaul Hospital	2,532	11.0	9 - 13	2,595	11.0	9 - 13
Dickerson County						
Medical Center	256	12.0	9 - 18	44	0.0	6 - 16
Eastern State Hospital	118	10.0	10 - 21	135	13.0	9 - 21
Fair Oaks Hospital	708	11.0	8 - 13	886	13.0	8 - 14
Fairfax Hospital	3,655	10.0	9 - 13	3,430	11.0	9 - 13
Franklin Memorial Hospital	476	14.0	9 - 16	489	13.0	10 - 17
Giles Memorial Hospital	434	12.0	8 - 15	429	13.0	9 - 16
Gill Memorial Eye Ear Nose Throat	53	0.0	1 - 11	118	1.0	1 - 8
Greensville Memorial Hospital	983	15.0	12 - 17	906	14.0	11 - 17
Halifax Community Hospital	1,378	12.0	10 - 14	1,408	13.0	10 - 15
Henrico Doctors Hospital	2,632	7.0	8 - 12	2,498	9.0	8 - 12
Hiram Davis Memorial Hospital	140	7.0	4 - 14	140	9.0	4 - 15
Hospice of Northern Virginia Inc.	7	71.0	3 - 69	46	74.0	23 - 49
Humana Hospital-Bayside	1,326	12.0	8 - 13	1,270	13.0	9 - 14
Humana Hospital-Clinch Valley	1,188	8.0	8 - 12	1,087	9.0	7 - 12
Humana Hospital-St. Lukes	1,239	11.0	9 - 14	1,343	11.0	9 - 14
Jefferson Memorial Hospital	465	7.0	7 - 13	521	7.0	7 - 13
John Randolph Hospital	1,048	12.0	9 - 15	1,027	12.0	10 - 15
Johnston Memorial Hospital	1,105	16.0	10 - 15	1,149	14.0	9 - 14
Johnston-Willis Hospital	1,780	12.0	10 - 15	1,694	11.0	10 - 15
Kings Daughters Hospital	1,482	10.0	9 - 14	1,643	12.0	9 - 14
Lee County Hospital	595	10.0	9 - 15	675	11.0	10 - 16
Lewis-Gale Hospital	3,050	10.0	9 - 13	3,200	9.0	8 - 12
Lonesome Pine Hospital	471	12.0	9 - 13	568	15.0	10 - 17
Loudoun Memorial Hospital	757	12.0	10 - 15	778	12.0	8 - 14
Louise Obici Memorial Hospital	1,455	12.0	9 - 14	1,595	12.0	9 - 14
Lynchburg General Hospital Division						
of Central Health	3,119	12.0	10 - 14	3,203	13.0	10 - 14
Martha Jefferson Hospital	2,380	11.0	9 - 13	2,423	12.0	9 - 14
Mary Immaculate Hospital	602	12.0	8 - 14	527	10.0	7 - 13
Mary Washington Hospital	2,846	12.0	11 - 16	2,773	13.0	11 - 15
Maryview Hospital	2,088	11.0	9 - 13	1,956	13.0	9 - 14
Medical College of Virginia	3,185	13.0	10 - 14	3,199	12.0	10 - 14
Memorial Hospital	3,253	15.0	11 - 15	3,497	13.0	10 - 14
Memorial Hospital Martinsville	1,840	13.0	9 - 13	1,984	13.0	8 - 13
Metropolitan Hospital	772	13.0	10 - 16	760	9.0	9 - 14
Montgomery Regional Hospital	973	10.0	9 - 14	1,018	11.0	8 - 13
Mount Vernon Hospital	981	11.0	9 - 14	965	9.0	6 - 13
National Orthopaedic						
& Rehabilitation Hospital	770	6.0	4 - 9	735	6.0	4 - 9
Newport News General Hospital	328	10.0	8 - 15	349	14.0	8 - 16
Norfolk Community Hospital	546	12.0	9 - 15	591	10.0	8 - 14
Northampton Accomack						
Memorial Hospital	1,287	15.0	11 - 16	1,315	15.0	10 - 15
Northern Virginia						
Doctors Hospital	1,444	11.0	9 - 14	1,316	11.0	9 - 14
Norton Community Hospital	891	11.0	9 - 14	877	12.0	9 - 14
Page Memorial Hospital	321	16.0	12 - 20	316	12.0	10 - 18
Portsmouth General Hospital	1,289	13.0	10 - 15	1,278	15.0	10 - 15

CONTINUED ➡

TABLE 22.13
Medicare Hospital Mortality Data for Virginia
Hospitals: 1986 and 1987, *CONTINUED*

Hospital	1987			1986		
	Number of Patients	Actual Mortality Rate	Range of Predicted Mortality Rate	Number of Patients	Actual Mortality Rate	Range of Predicted Mortality Rate
Potomac Hospital	629	13.0	8 - 14	713	9.0	8 - 13
Prince William Hospital	878	11.0	9 - 14	912	13.0	9 - 15
Pulaski Community Hospital	1,083	10.0	9 - 14	1,000	10.0	8 - 13
R. J. Reynolds-Patrick County Memorial Hospital	405	12.0	10 - 17	424	11.0	8 - 15
Radford Community Hospital	1,179	11.0	8 - 13	1,180	12.0	9 - 14
Rappahannock General Hospital	861	12.0	9 - 14	977	11.0	9 - 14
Reston Medical Center	434	14.0	8 - 16	268	6.0	6 - 13
Retreat Hospital	1,970	9.0	8 - 12	2,019	9.0	7 - 12
Richmond Community Hospital	495	6.0	7 - 12	468	12.0	9 - 15
Richmond Eye & Ear Hospital	227	0.0	1 - 5	260	0.0	1 - 5
Richmond Memorial Hospital	2,727	13.0	11 - 15	2,898	13.0	10 - 14
Riverside Hospital	3,901	12.0	9 - 13	3,571	13.0	9 - 13
Roanoke Memorial Hospital	4,024	11.0	10 - 14	4,139	13.0	10 - 14
Rockingham Memorial Hospital	2,465	13.0	10 - 14	2,468	12.0	10 - 14
Russell County Medical Center	615	9.0	9 - 14	613	13.0	9 - 16
Sentara Hampton General Hospital	1,993	13.0	10 - 15	2,041	13.0	10 - 15
Sentara Leigh Hospital	2,320	10.0	8 - 12	2,175	11.0	8 - 13
Sentara Norfolk General	4,288	11.0	9 - 13	4,272	12.0	9 - 13
Shenandoah County Memorial Hospital	616	11.0	10 - 16	694	15.0	9 - 16
Smyth County Community Hospital	1,048	12.0	10 - 15	1,085	15.0	10 - 15
Southampton Memorial Hospital	641	13.0	11 - 17	688	11.0	9 - 15
Southside Community Hospital	961	13.0	9 - 15	979	15.0	9 - 15
Southside Regional Medical Center	2,392	13.0	10 - 14	2,443	13.0	9 - 14
Southwestern State Hospital	55	2.0	4 - 15	71	4.0	4 - 15
St. Mary's Hospital of Richmond	2,892	10.0	9 - 13	2,631	11.0	9 - 14
St. Mary's Hospital	303	10.0	9 - 16	428	10.0	8 - 15
Stonewall Jackson Hospital	542	14.0	10 - 16	570	12.0	8 - 14
Stuart Circle Hospital	1,587	10.0	8 - 13	1,482	10.0	8 - 13
Tazewell Community Hospital	457	9.0	7 - 14	450	9.0	7 - 14
The Fauquier Hospital	862	15.0	10 - 15	899	13.0	10 - 16
Tidewater Memorial Hospital	481	17.0	10 - 18	495	15.0	10 - 18
Twin County Community Hospital	1,240	12.0	9 - 14	1,395	11.0	8 - 13
University of Virginia Hospital & Childrens Rehabilitation	3,637	11.0	10 - 14	3,571	11.0	9 - 13
Virginia Baptist Hospital Division of Central Health	1,681	11.0	9 - 13	1,772	10.0	9 - 13
Virginia Beach General Hospital	2,088	10.0	9 - 13	2,019	11.0	9 - 13
Walter Reed Memorial Hospital	733	12.0	10 - 16	768	16.0	11 - 17
Warren Memorial Hospital	577	15.0	9 - 16	636	15.0	9 - 15
Waynesboro Community Hospital	1,198	12.0	9 - 14	1,197	13.0	9 - 14
Western State Hospital	129	6.0	5 - 15	120	8.0	8 - 19

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TABLE 22.13
Medicare Hospital Mortality Data for Virginia
Hospitals: 1986 and 1987, *CONTINUED*

Hospital	1987			1986		
	Number of Patients	Actual Mortality Rate	Range of Predicted Mortality Rate	Number of Patients	Actual Mortality Rate	Range of Predicted Mortality Rate
Williamsburg Community Hospital	993	11.0	8 - 13	975	10.0	8 - 13
Winchester Medical Center, Inc.	3,072	10.0	9 - 13	3,003	10.0	9 - 13
Wise Appalachian Regional Hospital	429	6.0	9 - 14	405	9.0	8 - 14
Wythe County Community Hospital	732	15.0	12 - 19	652	14.0	12 - 18
Wytheville Hospital Corporation	97	8.0	6 - 18	133	7.0	5 - 15

SOURCE: U.S. Department of Health and Human Services, Health Care Financing Administration. *Medicare Hospital Mortality Information*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Number of Patients" is the number of individual Medicare beneficiaries whose last discharge from a short term, acute care hospital in 1986 or 1987 was from the hospital listed. Note that only a patient's last hospital discharge is counted in the total number.
 "Actual Mortality Rate" is the percentage of each hospital's Medicare patients who died within 30 days of the admission that resulted in the last-occurring discharge of the patient in 1986 or 1987.
 "Range of Predicted Mortality Rate" is equal in number and similar in characteristics to those treated by the hospital.
 Severity of illness is not controlled in these estimates.

TABLE 22.14
Marriages for the U.S., Virginia, and Surrounding States: 1980-1987

	Number				Rate			
	1987	1986	1985	1980	1987	1986	1985	1980
United States	2,421.0	2,400.0	2,412.6	2,390.3	9.9	10.0	10.1	10.6
Virginia	67.1	66.8	66.5	60.2	11.4	11.5	11.7	11.3
Delaware	5.2	5.5	5.4	4.4	8.1	8.6	8.6	7.5
District of Columbia	5.1	5.1	5.0	5.2	8.3	8.2	8.1	8.1
Florida	139.2	129.0	125.5	108.3	11.5	11.1	11.0	11.1
Georgia	65.3	72.0	72.3	70.6	10.5	11.8	12.1	12.9
Kentucky ¹	47.6	47.1	46.0	32.7	12.8	12.3	12.6	8.9
Maryland	45.4	46.1	47.1	46.3	10.0	10.5	10.7	11.0
North Carolina	50.5	50.5	50.6	46.7	7.9	8.1	8.1	7.9
South Carolina	53.5	52.8	52.8	53.9	15.6	15.6	15.8	17.3
Tennessee	57.5	55.0	54.9	50.2	11.8	11.5	11.5	12.9
West Virginia	13.5	14.6	14.6	17.4	7.1	7.5	7.6	8.9

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: Data are counts of marriages performed.
 "Number" in thousands.
 "Rate" is per 1,000 population based on total population residing in area.
 1986 and 1987 data are preliminary.
¹Data for 1980 are incomplete.

TABLE 22.15
Marriages in Virginia's Counties and Cities: 1980-1987

	1987	1986	1985	1984	1983	1982	1981	1980
Virginia ¹	67,004	66,666	66,541	66,143	61,858	62,099	61,410	60,210
Counties								
Accomack	285	296	235	237	175	169	183	176
Albemarle	442	471	448	452	375	409	357	351
Alleghany	100	102	102	91	82	92	133	218
Amelia	72	73	70	83	94	70	61	89
Amherst	253	253	248	276	270	224	250	230
Appomattox	115	111	108	117	113	95	113	98
Arlington	3,430	3,221	3,133	2,938	2,674	2,651	2,526	2,297
Augusta	381	383	374	380	394	388	402	404
Bath	137	156	102	127	133	105	111	125
Bedford	335	326	329	355	363	354	341	239
Bland	87	105	89	79	63	64	71	82
Botetourt	221	176	184	203	186	186	181	190
Brunswick	120	111	118	133	129	132	121	98
Buchanan	583	638	725	710	728	870	943	929
Buckingham	131	109	135	118	99	83	112	79
Campbell	328	300	359	363	313	304	261	271
Caroline	155	139	157	134	136	121	128	102
Carroll	293	345	300	264	222	213	198	199
Charles City	64	62	50	47	62	38	42	54
Charlotte	123	98	102	107	94	99	88	98
Chesterfield	1,324	1,175	1,236	1,149	1,115	1,030	996	853
Clarke	109	114	94	104	81	115	113	95
Craig	38	29	35	38	33	48	34	38
Culpeper	250	215	189	221	201	191	207	189
Cumberland	58	48	54	60	47	59	54	57
Dickenson	434	528	658	1,387	1,681	2,194	2,503	2,617
Dinwiddie	109	123	136	121	145	125	138	134
Essex	69	74	72	56	51	66	52	59
Fairfax	6,178	6,086	5,713	5,434	4,437	4,235	3,741	3,151
Fauquier	476	480	417	385	397	356	358	341
Floyd	98	89	79	91	103	98	92	85
Fluvanna	74	80	65	81	64	65	55	60
Franklin	274	307	309	332	252	280	249	273
Frederick	229	251	267	279	257	301	526	584
Giles	1,592	1,616	1,531	1,612	1,505	1,682	1,798	1,858
Gloucester	227	238	221	200	191	184	162	132
Goochland	126	138	125	99	114	106	103	99
Grayson	152	169	151	156	146	119	123	164
Greene	60	66	64	69	58	73	81	71
Greensville	56	35	48	44	41	42	34	43
Halifax	275	277	255	236	257	236	223	257
Hanover	511	449	479	506	436	475	418	406
Henrico	1,755	1,381	1,376	1,380	1,324	1,345	1,190	1,025
Henry	453	459	462	449	434	438	415	425
Highland	74	66	43	37	25	34	23	29
Isle of Wight	185	209	190	178	160	191	149	171
James City	129	134	110	121	119	109	91	99
King and Queen	40	59	46	50	37	43	35	52
King George	142	135	100	109	81	72	84	75
King William	85	80	82	95	79	88	71	87
Lancaster	101	89	99	98	84	94	94	90
Lee	261	248	286	333	312	359	411	402
Loudoun	811	813	734	659	550	539	510	545
Louisa	163	157	167	136	165	146	143	127
Lunenburg	83	88	97	92	96	100	90	85

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TABLE 22.15
Marriages in Virginia's Counties and Cities: 1980–1987, *CONTINUED*

	1987	1986	1985	1984	1983	1982	1981	1980
Madison	98	104	101	98	88	93	106	92
Mathews	74	80	73	84	74	63	52	63
Mecklenburg	258	292	240	268	233	254	296	234
Middlesex	85	73	80	78	85	70	70	80
Montgomery	596	582	584	559	546	563	502	506
Nelson	123	101	123	120	108	131	158	111
New Kent	82	62	65	83	52	67	79	68
Northampton	120	136	110	132	126	123	116	123
Northumberland	89	68	74	73	72	87	86	61
Nottoway	125	141	120	115	129	139	106	139
Orange	177	185	194	163	172	129	128	133
Page	194	204	220	211	199	221	178	170
Patrick	173	190	175	173	145	154	148	148
Pittsylvania	492	525	550	522	474	483	473	470
Powhatan	116	125	141	111	123	131	99	104
Prince Edward	138	132	117	129	114	106	104	112
Prince George	214	192	233	227	210	255	244	230
Prince William	1,424	1,305	1,230	1,232	1,202	1,259	1,205	908
Pulaski	329	327	358	360	307	363	291	336
Rappahannock	75	66	59	75	45	56	59	46
Richmond	39	60	62	46	52	38	53	48
Roanoke	654	569	599	649	580	532	555	353
Rockbridge	109	111	111	131	131	120	93	113
Rockingham	571	588	542	585	513	458	439	464
Russell	360	314	331	451	420	488	477	520
Scott	398	438	641	675	517	436	438	486
Shenandoah	326	323	322	324	246	268	240	294
Smyth	349	322	400	380	331	333	334	314
Southampton	164	171	144	146	119	124	151	137
Spotsylvania	353	317	268	292	278	236	219	219
Stafford	396	380	407	331	287	313	312	298
Surry	42	48	43	47	41	37	49	33
Sussex	102	101	93	71	65	73	65	80
Tazewell	712	718	666	668	616	635	650	617
Warren	297	240	290	257	209	210	223	253
Washington	488	484	519	545	454	424	397	462
Westmoreland	121	134	114	104	98	130	100	88
Wise	568	717	826	848	973	1,179	1,388	1,424
Wythe	352	328	325	317	261	262	305	319
York	313	265	292	271	242	229	233	219
Cities								
Alexandria	2,874	2,918	3,050	2,713	2,206	2,157	2,040	1,877
Bedford	26	56	95	29	14	10	23	101
Bristol	274	357	427	446	361	349	373	364
Buena Vista	92	105	99	75	85	82	83	90
Charlottesville	498	544	570	574	595	576	561	574
Chesapeake	1,123	1,003	1,038	953	899	912	896	806
Clifton Forge	174	171	196	216	233	245	208	147
Colonial Heights	255	266	254	278	293	247	207	208
Covington	267	304	283	241	264	248	249	293
Danville	587	543	542	594	538	580	576	556
Emporia	281	295	269	271	265	258	336	343
Fairfax	57	116	97	94	922	925	1,076	1,321
Falls Church	359	372	355	365	375	365	360	362
Franklin	51	52	69	83	76	106	87	76
Fredericksburg	426	410	394	390	300	284	280	289
Galax	72	87	83	87	52	61	70	66
Hampton	1,327	1,298	1,281	1,239	1,247	1,260	1,150	1,151
Harrisonburg	203	195	168	183	231	244	219	236

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TABLE 22.15
Marriages in Virginia's Counties and Cities: 1980–1987, *CONTINUED*

	1987	1986	1985	1984	1983	1982	1981	1980
Hopewell	284	306	254	259	278	243	207	246
Lexington	85	85	98	118	88	104	74	93
Lynchburg	710	685	737	743	775	734	706	716
Manassas	461	499	536	540	459	301	225	461
Manassas Park	7	7	6	9	3	3	6	4
Martinsville	389	397	404	348	317	280	287	348
Newport News	1,912	1,949	1,923	2,045	1,935	1,897	1,819	1,755
Norfolk	3,927	3,886	3,825	3,803	3,635	3,538	3,347	3,164
Norton	66	54	65	76	79	63	86	78
Petersburg	605	478	561	563	510	523	600	597
Poquoson	66	68	54	55	56	50	53	44
Portsmouth	1,142	1,127	1,245	1,179	1,063	1,080	1,038	1,095
Radford	108	127	133	126	120	122	125	124
Richmond	2,599	3,077	3,121	3,116	2,947	3,003	3,032	3,040
Roanoke	1,111	1,225	1,270	1,321	1,148	1,044	1,220	1,350
Salem	324	234	257	263	253	228	254	212
South Boston	26	37	56	51	71	56	76	68
Staunton	345	336	308	322	296	325	322	317
Suffolk	433	442	423	420	418	388	379	350
Virginia Beach	4,057	3,999	3,934	3,741	3,221	3,177	2,999	2,662
Waynesboro	226	242	214	232	209	213	226	240
Williamsburg	621	612	583	562	490	482	431	425
Winchester	2,047	2,119	1,966	1,790	1,713	1,673	1,791	1,905
Out-of-State	10	5	15	20	10	11	22	14
Unknown	145	100	83	48	88	75	82	60
MSAs								
Bristol (Va. portion)	1,160	1,279	1,587	1,666	1,332	1,209	1,208	1,312
Charlottesville	1,074	1,161	1,147	1,176	1,092	1,123	1,054	1,056
Danville	1,079	1,068	1,092	1,116	1,012	1,063	1,049	1,026
Lynchburg	1,291	1,238	1,344	1,382	1,358	1,262	1,217	1,217
Norfolk	15,277	15,021	14,929	14,589	13,516	13,306	12,598	11,902
Northern Virginia	15,997	15,717	15,261	14,315	13,115	12,748	12,001	11,224
Richmond	8,044	7,834	8,031	7,939	7,609	7,588	7,355	7,064
Roanoke	2,310	2,204	2,310	2,436	2,167	1,990	2,210	2,105
Planning Districts								
LENOWISCO	1,293	1,457	1,818	1,932	1,881	2,037	2,323	2,390
Cumberland Plateau	2,089	2,198	2,380	3,216	3,445	4,187	4,573	4,683
Mount Rogers	2,067	2,197	2,294	2,274	1,890	1,825	1,871	1,970
New River Valley	2,723	2,741	2,685	2,748	2,581	2,828	2,808	2,909
Fifth	2,889	2,810	2,926	3,022	2,779	2,623	2,834	2,801
Central Shenandoah	2,223	2,267	2,059	2,190	2,105	2,073	1,992	2,111
Lord Fairfax	3,202	3,251	3,159	2,965	2,705	2,788	3,071	3,301
Northern Virginia	15,601	15,337	14,854	13,984	12,828	12,435	11,689	10,926
Rappahannock-Rapidan	1,076	1,030	960	942	903	825	858	801
Thomas Jefferson	1,360	1,419	1,437	1,432	1,365	1,400	1,355	1,294
Central Virginia	1,767	1,731	1,876	1,883	1,848	1,721	1,694	1,655
West Piedmont	2,368	2,421	2,442	2,418	2,160	2,215	2,148	2,220
Southside	679	717	669	688	690	678	716	657
Piedmont	730	689	695	704	673	656	615	659
Richmond Regional	6,577	6,469	6,593	6,491	6,173	6,195	5,959	5,649
RADCO	1,472	1,381	1,326	1,256	1,082	1,026	1,023	983
Northern Neck	350	351	349	321	306	349	333	287

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TABLE 22.15
Marriages in Virginia's Counties and Cities: 1980-1987, *CONTINUED*

	1987	1986	1985	1984	1983	1982	1981	1980
Middle Peninsula	580	604	574	563	517	514	442	473
Crater	1,948	1,844	1,891	1,881	1,848	1,803	1,880	1,914
Southeastern Virginia	11,082	10,889	10,868	10,503	9,591	9,516	9,046	8,461
Peninsula	4,368	4,326	4,243	4,293	4,089	4,027	3,777	3,693
Accomack-Norhampton	405	432	345	369	301	292	299	299

SOURCE: Commonwealth of Virginia, Center for Health Statistics. *1987 Vital Statistics Annual Report*. Richmond, Virginia, annual.

NOTES: ¹State total includes both Unknown and Out-of-State categories.
 A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
 A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 22.16
Divorces for the U.S., Virginia, and Surrounding States: 1980-1987

	Number				Rate			
	1987	1986	1985	1980	1987	1986	1985	1980
United States	1,157.0	1,159.0	1,190.0	1,189.0	4.8	4.8	5.0	5.2
Virginia	25.6	25.0	24.1	23.6	4.3	4.3	4.2	4.4
Delaware	2.9	3.1	3.0	2.3	4.5	4.9	4.8	3.9
District of Columbia	4.2	2.4	2.7	4.7	6.7	3.8	4.3	7.3
Florida	79.7	77.6	77.5	71.6	6.6	6.6	6.8	7.3
Georgia	33.5	32.6	33.4	34.7	5.4	5.3	5.6	6.4
Kentucky ¹	19.9	19.3	18.3	16.7	5.3	5.2	4.9	4.6
Maryland	15.9	15.5	16.2	17.5	3.5	3.5	3.7	4.1
North Carolina	31.6	31.7	30.2	28.1	4.9	5.0	4.8	4.8
South Carolina	14.0	13.5	13.5	13.6	4.1	4.0	4.0	4.4
Tennessee	31.0	29.2	29.9	30.2	6.4	6.1	6.3	6.6
West Virginia	9.1	9.8	9.9	10.3	4.8	5.1	5.1	5.3

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: Includes annulments.
 Number in thousands.
 Rate is per 1,000 population based on total population residing in area.
 1986 and 1987 data are preliminary.
¹Data for 1980 are incomplete.

TABLE 22.17
Divorces in Virginia's Counties and Cities: 1980-1987

	1987	1986	1985	1984	1983	1982	1981	1980
Virginia	25,608	24,875	24,132	24,705	25,482	26,138	25,103	23,615
Counties								
Accomack	88	111	111	112	102	112	101	97
Albemarle	269	223	229	276	281	255	230	236
Alleghany ²	78	76	91	77	83	104	86	89
Amelia	25	37	34	22	30	24	27	22
Amherst	106	120	118	103	107	115	127	98
Appomattox	59	52	40	41	47	46	41	46
Arlington	687	725	654	694	717	708	710	739
Augusta	239	236	222	235	259	276	231	227
Bath	18	22	22	21	26	20	15	21
Bedford ¹	193	171	163	175	191	213	150	147
Bland	30	28	19	26	19	20	23	19
Botetourt	107	108	88	84	84	106	92	102
Brunswick	46	43	43	37	33	30	39	34
Buchanan	113	117	138	114	121	127	133	108
Buckingham	30	35	45	32	44	45	28	34
Campbell	215	222	226	213	195	214	210	169
Caroline	65	56	62	51	66	60	61	57
Carroll ⁷	126	118	141	154	145	136	148	123
Charles City	19	13	24	14	15	13	21	24
Charlotte	45	36	42	37	36	49	47	39
Chesterfield	982	962	808	912	923	984	860	766
Clarke	37	44	33	30	40	37	43	37
Craig	15	24	16	20	20	12	13	11
Culpeper	117	108	87	105	108	100	113	83
Cumberland	26	21	31	31	23	29	27	18
Dickenson	70	63	74	81	76	76	74	80
Dinwiddie	78	70	79	63	71	66	65	66
Essex	22	35	29	24	31	40	35	36
Fairfax ^{4,5}	3,117	3,018	2,897	2,895	3,021	3,065	2,898	2,731
Fauquier	183	175	160	162	176	160	149	124
Floyd	47	41	51	37	39	45	37	31
Fluvanna	30	28	36	47	49	40	38	24
Franklin	96	91	67	68	63	34	46	37
Frederick	150	168	159	163	159	166	131	149
Giles	66	76	68	62	73	69	75	67
Gloucester	146	111	100	114	113	99	105	83
Goochland	54	36	44	43	40	50	40	32
Grayson ⁷	88	94	80	92	100	86	96	78
Greene	38	36	32	33	41	34	28	33
Greensville ³	43	50	53	49	46	66	67	62
Halifax ¹⁴	125	141	139	121	120	161	167	121
Hanover	237	240	202	232	228	240	244	227
Henrico	997	992	915	893	1,015	1,033	1,046	961
Henry	313	353	306	315	296	303	319	272
Highland	4	4	9	8	4	7	3	8
Isle of Wight	71	75	63	66	64	98	56	89
James City	142	122	123	133	111	143	121	135
King and Queen	29	20	24	19	19	21	19	14
King George	48	35	50	49	38	58	44	41
King William	33	28	39	24	26	33	31	33
Lancaster	30	29	35	26	36	37	30	33
Lee	122	102	84	81	90	102	99	91
Loudoun	328	270	287	294	270	289	322	247
Louisa	92	48	73	62	76	72	70	50
Lunenburg	37	35	32	43	47	53	51	40

CONTINUED ➡



TABLE 22.17
Divorces in Virginia's Counties and Cities: 1980–1987, *CONTINUED*

	1987	1986	1985	1984	1983	1982	1981	1980
Madison	39	34	27	23	40	34	34	36
Mathews	35	41	34	26	31	27	24	19
Mecklenburg	133	116	102	110	116	116	112	103
Middlesex	28	41	28	29	21	25	26	17
Montgomery	287	288	256	231	221	297	268	234
Nelson	49	39	47	48	46	47	37	51
New Kent	38	40	36	34	37	42	48	38
Northampton	70	58	46	56	61	51	67	52
Northumberland	22	26	30	24	28	20	36	28
Nottoway	36	48	54	46	58	56	58	55
Orange	82	71	63	70	84	60	76	57
Page	95	75	90	87	75	84	101	72
Patrick	75	69	53	64	76	65	50	62
Pittsylvania	256	254	237	219	236	255	219	217
Powhatan	45	50	55	56	59	45	41	41
Prince Edward	52	54	59	45	58	59	62	58
Prince George	99	100	116	122	103	90	81	78
Prince William ^{10,11}	978	860	856	926	861	909	772	649
Pulaski	128	136	153	162	147	171	180	153
Rappahannock	33	18	26	21	22	28	27	16
Richmond	28	18	20	27	17	13	19	22
Roanoke	353	369	357	389	382	390	373	363
Rockbridge ⁹	97	88	83	92	100	91	79	85
Rockingham ⁸	321	315	273	270	289	273	275	240
Russell	117	92	90	113	104	151	114	113
Scott	93	93	90	91	86	94	65	37
Shenandoah	98	116	115	107	128	117	122	97
Smyth	141	143	144	132	153	128	179	150
Southampton ⁶	55	79	85	81	66	74	100	76
Spotsylvania	208	204	185	183	194	175	161	136
Stafford	237	191	206	220	212	187	164	176
Surry	11	14	17	23	20	10	13	23
Sussex	34	35	32	42	26	23	31	33
Tazewell	202	201	194	204	224	227	192	142
Warren	109	90	93	110	101	105	85	102
Washington	184	183	168	181	199	173	190	183
Westmoreland	50	47	49	36	45	49	47	44
Wise ¹²	234	169	219	258	212	217	193	209
Wythe	102	95	118	100	106	112	120	97
York ¹³	190	183	197	196	205	204	194	168
Cities								
Alexandria	544	503	545	536	535	623	579	683
Bedford ¹	NA	NA	NA	NA	NA	NA	NA	NA
Bristol	74	55	76	99	73	76	78	81
Buena Vista	24	38	24	34	34	27	31	42
Charlottesville	149	167	146	165	167	212	213	209
Chesapeake	641	588	552	617	682	581	560	555
Clifton Forge	20	17	18	21	21	18	20	15
Colonial Heights	80	78	83	83	93	115	104	91
Covington ²	NA	NA	NA	NA	NA	NA	NA	NA
Danville	179	200	199	241	250	251	205	228
Emporia ³	NA	NA	NA	NA	NA	NA	NA	NA
Fairfax ⁴	NA	NA	NA	NA	NA	NA	NA	NA
Falls Church ⁵	NA	NA	NA	NA	NA	NA	NA	NA
Franklin ⁶	NA	NA	NA	NA	NA	NA	NA	NA
Fredericksburg	84	81	78	94	78	86	66	70
Galax ⁷	NA	NA	NA	NA	NA	NA	NA	NA
Hampton	585	518	529	578	598	524	570	517

CONTINUED ➡

TABLE 22.17

Divorces in Virginia's Counties and Cities: 1980-1987, *CONTINUED*

	1987	1986	1985	1984	1983	1982	1981	1980
Harrisonburg ⁸	NA	NA	NA	NA	NA	NA	NA	NA
Hopewell	138	133	158	121	132	147	153	138
Lexington ⁹	NA	NA	NA	NA	NA	NA	NA	NA
Lynchburg	294	250	258	291	263	361	336	331
Manassas ¹⁰	NA	NA	NA	NA	NA	NA	NA	NA
Manassas Park ¹¹	NA	NA	NA	NA	NA	NA	NA	NA
Martinsville	67	79	67	72	69	73	84	83
Newport News	867	859	826	861	898	972	921	930
Norfolk	1,194	1,196	1,143	1,192	1,308	1,295	1,338	1,264
Norton ¹²	NA	NA	NA	NA	NA	NA	NA	NA
Petersburg	188	142	176	167	202	202	214	218
Poquoson ¹³	NA	NA	NA	NA	NA	NA	NA	NA
Portsmouth	506	518	492	480	501	487	547	542
Radford	49	39	49	35	43	42	53	48
Richmond	965	1,012	995	1,010	1,157	1,238	1,215	1,203
Roanoke	515	519	507	488	501	542	509	497
Salem	105	124	118	136	122	153	128	110
South Boston ¹⁴	NA	NA	NA	NA	NA	NA	NA	NA
Staunton	106	105	83	86	115	120	94	98
Suffolk	168	154	145	155	169	168	168	191
Virginia Beach	1,831	1,836	1,732	1,743	1,734	1,675	1,572	1,338
Waynesboro	84	90	81	94	77	101	86	82
Williamsburg	21	34	34	25	36	37	43	35
Winchester	115	103	118	112	122	137	99	143
MSAs								
Bristol (Va. portion)	351	331	334	371	358	343	333	301
Charlottesville	486	454	443	521	538	541	509	502
Danville	435	454	436	460	486	506	424	445
Lynchburg	615	592	602	607	565	690	673	598
Norfolk	6,291	6,119	5,873	6,094	6,355	6,185	6,139	5,758
Northern Virginia	5,891	5,567	5,445	5,565	5,616	5,781	5,445	5,225
Richmond	3,920	3,868	3,691	3,750	4,075	4,265	4,132	3,883
Roanoke	1,080	1,120	1,070	1,097	1,089	1,191	1,102	1,072
Planning Districts								
LENOWISCO	449	364	393	430	388	413	357	337
Cumberland Plateau	502	473	496	512	525	581	513	443
Mount Rogers	745	716	746	784	795	731	834	731
New River Valley	577	580	577	527	523	624	613	533
Fifth	1,193	1,237	1,195	1,215	1,213	1,325	1,221	1,187
Central Shenandoah	893	898	797	840	904	915	814	803
Lord Fairfax	604	596	608	609	625	646	581	600
Northern Virginia	5,654	5,376	5,239	5,345	5,404	5,594	5,281	5,049
Rappahannock-Rapidan	454	406	362	381	430	382	399	316
Thomas Jefferson	627	541	563	631	660	660	616	603
Central Virginia	867	815	805	823	803	949	864	791
West Piedmont	986	1,046	929	979	990	981	923	899
Southside	304	300	284	268	269	307	318	258
Piedmont	251	266	297	256	296	315	300	266
Richmond Regional	3,337	3,345	3,079	3,194	3,474	3,645	3,515	3,292
RADCO	642	567	581	597	588	566	496	480
Northern Neck	130	120	134	113	126	119	132	127

CONTINUED →

**TABLE 22.17****Divorces in Virginia's Counties and Cities: 1980–1987, *CONTINUED***

	1987	1986	1985	1984	1983	1982	1981	1980
Middle Peninsula	293	276	254	236	241	245	240	202
Crater	671	622	714	670	693	719	728	709
Southeastern Virginia	4,466	4,446	4,212	4,334	4,524	4,378	4,341	4,055
Peninsula	1,805	1,716	1,709	1,793	1,848	1,880	1,849	1,785
Accomack-Northampton	158	169	157	168	163	163	168	149

SOURCE: Commonwealth of Virginia, Center for Health Statistics. *1987 Vital Statistics Annual Report*. Richmond, Virginia, annual.

NOTES: ¹Data for Bedford City included with Bedford County; ²Data for Covington City included with Alleghany County; ³Data for Emporia City included with Greensville County; ⁴Data for Fairfax City included with Fairfax County; ⁵Data for Falls Church City included with Fairfax County; ⁶Data for Franklin City included with Southampton County; ⁷Data for Galax City included with Carroll and Grayson Counties; ⁸Data for Harrisonburg City included with Rockingham County; ⁹Data for Lexington City included with Rockbridge County; ¹⁰Data for Manassas City included with Prince William County; ¹¹Data for Manassas Park City included with Prince William County; ¹²Data for Norton City included with Wise County; ¹³Data for Poquoson City included with York County; ¹⁴Data for South Boston City included with Halifax County.

NA—Not available.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604 and a table showing their composition is on page 653.

TABLE 22.18**Acquired Immunodeficiency Syndrome (AIDS) Cases and Deaths for the U.S., Virginia, and Surrounding States: 1982–1988**

	Cases			Deaths		
	Total	1982–1985	1986–1988	Total	1982–1985	1986–1988
United States	77,883	15,419	62,272	43,790	10,965	32,510
Virginia	919	177	742	572	121	450
Delaware	140	18	122	64	9	53
District of Columbia	1,423	288	1,134	845	184	655
Florida	6,204	1,081	5,115	3,606	783	2,799
Georgia	1,764	281	1,480	1,055	202	849
Kentucky	198	31	167	120	30	90
Maryland	1,382	233	1,147	820	174	643
North Carolina	648	90	558	300	66	234
South Carolina	364	56	308	205	43	162
Tennessee	500	25	475	274	34	239
West Virginia	57	13	44	31	12	19

SOURCE: U.S. Department of Health and Human Services, Public Health Service. *Health United States 1988*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: *Total* includes cases and deaths reported prior to 1982.
Data for 1988 are through November 30.

TABLE 22.19
Expenditures for Public Health Programs of State and Local Health Agencies for the U.S., Virginia, and Surrounding States: 1984

	Total Public Health Expenditures	Federal Grant & Contract Funds	State Funds	Local Funds	Fees, Reimbursements, & Other Sources	Other
United States ¹	\$6,897,286	\$2,188,511	\$3,153,130	\$830,772	\$573,594	\$151,280
Virginia	160,702	43,962	66,397	32,314	18,029	...
Delaware	34,565	5,610	27,789	...	1,167	...
District of Columbia	92,909	35,337	57,572	...	...	...
Florida	247,022	69,221	98,208	32,823	46,770	...
Georgia	176,872	72,174	71,157	23,287	10,254	...
Kentucky	221,537	52,748	103,526	15,647	49,616	...
Maryland	466,933	57,977	355,885	38,181	13,890	1,000
North Carolina	202,980	63,204	55,217	...	18,309	66,250
South Carolina	136,095	55,232	57,898	2,209	20,755	...
Tennessee	130,112	58,878	52,171	6,186	12,876	...
West Virginia	153,229	48,767	90,734	4,706	8,962	...

SOURCE: Health Insurance Association of America. 1986-1987 *Source Book of Health Insurance Data*, Washington, D.C., ND.

NOTES: In thousands of dollars. The data in this table relate only to expenditures of official state health agencies. The public health expenditures of other agencies such as separate mental health authorities, environmental agencies, and hospital authorities are not reflected in these figures.

¹U.S. total excludes data for American Samoa, Guam, Maine, Montana, Massachusetts, New Mexico, Ohio, South Dakota, and Wisconsin.

TABLE 22.20
Number of Non-Federal Physicians and Physicians Per 100,000 Civilian Population for the U.S., Virginia, and Surrounding States: 1980-1986

	Number of Active Physicians		Rate				
	1986	1982	1986	1985	1983	1982	1980
United States	491,503	474,401	205	204	196	206	195
Virginia	11,331	10,482	202	200	187	197	186
Delaware	1,180	1,117	188	189	182	188	169
District of Columbia	3,582	3,541	579	573	564	573	576
Florida	23,083	22,683	199	198	187	219	208
Georgia	9,863	8,718	164	163	154	156	149
Kentucky	5,754	5,515	156	153	146	151	139
Maryland	13,979	12,678	317	315	295	300	281
North Carolina	10,755	10,089	173	171	163	170	162
South Carolina	5,052	4,711	153	149	141	149	143
Tennessee	8,673	7,990	181	179	168	172	163
West Virginia	3,117	3,002	163	161	150	153	141

SOURCES: U.S. Department of Health and Human Services, Public Health Service. *Fifth Report to the President and Congress on the Status of Health Personnel in the United States*. U.S. Government Printing Office, Washington, D.C., annual; U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States*, 1989. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: Excludes doctors of osteopathy, Federal physicians, and physicians with addresses unknown. Includes all physicians not classified according to activity status.
 "Rate" per 100,000 civilian population.



TABLE 22.21
Number of Osteopathic Physicians, 1982–1986, and Number of Physician Assistants, 1985–1987, for the U.S., Virginia, and Surrounding States

	Osteopathic Physicians			Physician Assistants	
	1986	1984	1982	1987	1985
United States	25,479	22,746	20,492	19,446	16,962
Virginia	104	76	64	348	289
Delaware	92	81	68	35	22
District of Columbia	19	9	7	106	87
Florida	1,638	1,388	1,218	846	691
Georgia	222	179	153	666	540
Kentucky	75	61	50	209	205
Maryland	68	47	43	751	630
North Carolina	67	44	36	905	771
South Carolina	34	17	21	202	201
Tennessee	102	90	80	238	196
West Virginia	216	149	128	203	192

SOURCE: U.S. Department of Health and Human Services, Public Health Service. *Sixth Report to the President & Congress on the Status of Health Personnel in the United States*. U.S. Government Printing Office, Washington, D.C., annual.

TABLE 22.22
Number of Licensed Practical Nurses and Registered Nurses for the U.S., Virginia, and Surrounding States: 1983 and 1984

	Licensed Practical Nurses, 1983		Registered Nurses		
	Number	Rate	1984	1983	Rate
United States	781,506	231	1,887,697	1,404,200	629
Virginia	17,934	235	40,222	29,300	505
Delaware	1,563	193	5,476	4,800	722
District of Columbia	2,245	276	10,114	8,100	1,519
Florida	33,687	224	86,816	58,600	617
Georgia	22,528	264	36,304	24,600	503
Kentucky	9,099	196	19,332	19,900	451
Maryland	10,215	158	38,796	29,700	726
North Carolina	17,962	219	40,541	29,400	527
South Carolina	9,200	216	18,049	14,100	417
Tennessee	19,772	309	28,589	23,200	536
West Virginia	6,161	242	13,538	10,400	537

SOURCE: U.S. Department of Health and Human Services, Public Health Service. *Sixth Report to the President & Congress on the Status of Health Personnel in the United States*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: "Rate" is per 100,000 resident population.

TABLE 22.23
Number of Active Civilian Dentists for the U.S.,
Virginia, and Surrounding States: 1970-1986

	1986		1980		1970	
	Number	Rate	Number	Rate	Number	Rate
United States	137,900	57.3	121,240	53.5	95,680	47.0
Virginia	3,020	53.5	2,549	47.6	1,770	39.4
Delaware	290	46.0	261	43.8	213	38.6
District of Columbia	570	91.5	562	88.1	655	88.3
Florida	5,070	43.6	4,578	47.0	2,564	38.2
Georgia	2,620	43.2	2,142	39.2	1,351	29.4
Kentucky	2,010	54.2	1,584	43.2	1,129	35.2
Maryland	2,980	67.2	2,500	59.2	1,586	40.3
North Carolina	2,660	42.5	2,203	37.5	1,484	29.8
South Carolina	1,420	42.7	1,086	34.8	648	25.4
Tennessee	2,630	54.8	2,164	47.1	1,429	36.0
West Virginia	900	46.7	753	38.6	594	34.0

SOURCE: U.S. Department of Health and Human Services, Public Health Service, *Sixth Report to the President & Congress on the Status of Health Personnel in the United States*, U.S. Government Printing Office, Washington, D.C., annual.

NOTE: "Rate" is per 100,000 civilian population.

TABLE 22.24
Number of Hospitals and Hospital Beds for the U.S.,
Virginia, and Surrounding States: 1980-1986

	Number of Hospitals			Hospital Beds					
				Number			Rate		
	1986	1983	1980	1986	1983	1980	1985	1983	1980
United States	6,841	6,888	6,965	1,283.0	1,350.4	1,364.5	548	577	602
Virginia	137	135	136	30.7	31.3	31.2	528	563	583
Delaware	13	14	15	3.6	3.9	4.2	611	644	703
District of Columbia	17	17	17	6.2	8.7	8.5	1,332	1,396	1,332
Florida	270	254	253	61.2	59.7	59.1	541	556	606
Georgia	202	191	191	34.7	33.5	31.2	564	584	570
Kentucky	120	120	119	19.5	19.1	18.8	520	514	513
Maryland	84	85	85	22.2	23.8	25.1	514	554	596
North Carolina	160	159	160	30.0	32.6	32.8	502	537	558
South Carolina	90	89	90	15.2	16.7	17.0	462	513	544
Tennessee	163	162	167	30.9	32.1	30.9	654	686	673
West Virginia	70	75	79	11.3	13.0	14.0	599	663	717

SOURCES: U.S. Department of Commerce, Bureau of the Census, *State and Metropolitan Area Data Book 1986*, U.S. Government Printing Office, Washington, D.C., 1986; U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States, 1989*, U.S. Government Printing Office, Washington, D.C., annual.

NOTES: Includes American Hospital Association registered hospitals only.

"Hospital Beds-Number" in thousands.

"Hospital Beds-Rate" is per 100,000 resident population.



TABLE 22.25
Hospital Patients, Occupancy Rates, and Personnel for
the U.S., Virginia, and Surrounding States: 1980–1986

	Average Daily Census			Occupancy Rate			Personnel		
	1986	1983	1980	1986	1983	1980	1986	1983	1980
United States	882.6	1,027.7	1059.7	68.8%	76.1%	77.7%	3,647	3,707	3,492
Virginia	21.9	23.7	24.7	71.6	75.9	79.3	83	80	77
Delaware	2.8	3.4	3.6	78.1	86.4	85.3	11	10	10
District of Columbia	6.4	7.2	7.4	78.2	82.8	87.4	30	31	28
Florida	39.7	45.1	44.2	64.9	75.5	74.9	168	167	145
Georgia	23.9	24.7	23.2	68.8	73.7	74.4	96	90	81
Kentucky	13.0	14.9	14.7	66.7	77.9	78.2	49	50	46
Maryland	17.4	19.7	21.3	78.5	82.8	84.7	68	70	68
North Carolina	21.4	25.0	26.0	71.6	76.8	79.2	88	86	80
South Carolina	11.1	12.5	13.1	73.0	74.8	77.3	43	40	39
Tennessee	20.4	24.1	23.8	66.2	75.1	77.2	80	82	76
West Virginia	7.3	9.8	10.7	64.8	75.7	76.4	30	33	32

SOURCES: U.S. Department of Commerce, Bureau of the Census, *State and Metropolitan Area Data Book 1986*. U.S. Government Printing Office, Washington, D.C., 1986; U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: Includes American Hospital Association registered hospitals only.
 "Average Daily Census" in thousands; includes inpatients receiving treatment each day; excludes newborn.
 "Occupancy Rate" is the ratio of average daily census to every 100 beds.
 "Personnel" in thousands; includes full-time equivalents of part-time personnel.

TABLE 22.26
Hospital Semiprivate Room Charges for the U.S.,
Virginia, and Surrounding States: 1983–1988

	Semiprivate Room Charge					Percent Change, 1983–1988
	January 1988	July 1986	July 1985	July 1984	July 1983	
United States	\$253	\$236	\$217	\$209	\$195	29.7%
Virginia	196	172	165	162	155	26.5
Delaware	300	274	256	213	215	39.5
District of Columbia	443	356	296	273	267	65.9
Florida	217	202	184	178	169	28.4
Georgia	161	157	146	148	137	17.5
Kentucky	213	195	183	167	153	39.2
Maryland	230	213	189	182	181	27.1
North Carolina	189	147	140	138	130	45.4
South Carolina	170	149	137	129	123	38.2
Tennessee	171	168	143	139	134	27.6
West Virginia	196	182	166	160	162	21.0

SOURCES: U.S. Department of Commerce, Bureau of the Census, *State and Metropolitan Area Data Book 1986*. U.S. Government Printing Office, Washington, D.C., 1986; Health Insurance Association of America, *Source Book of Health Insurance Data 1988 Update*. Washington, D.C., ND; U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: "Semiprivate Room Charge" in dollars.

TABLE 22.27
Community Hospital Beds Per 1,000 Population for the
U.S., Virginia, and Surrounding States: 1940–1986

	Beds Per 1,000 Civilian								
	1986	1985	1984	1983	1980	1970	1960	1950	1940
United States	4.1	4.2	4.3	4.4	4.5	4.3	3.6	3.3	3.2
Virginia	3.7	3.8	3.9	4.1	4.1	3.7	3.0	2.5	2.2
Delaware	3.4	3.5	3.6	3.5	3.6	3.7	3.7	3.9	4.4
District of Columbia	7.7	7.8	7.9	7.8	7.3	7.4	5.9	5.5	5.5
Florida	4.4	4.6	4.6	4.7	5.1	4.4	3.1	2.9	2.8
Georgia	4.3	4.3	4.5	4.5	4.6	3.8	2.8	2.0	1.7
Kentucky	4.4	4.4	4.4	4.3	4.5	4.0	3.0	2.2	1.8
Maryland	3.3	3.4	3.6	3.7	3.6	3.1	3.3	3.6	3.9
North Carolina	3.5	3.7	3.9	4.1	4.2	3.8	3.4	2.6	2.2
South Carolina	3.4	3.6	3.6	3.7	3.9	3.7	2.9	2.4	1.8
Tennessee	5.3	5.3	5.5	5.7	5.5	4.7	3.4	2.3	1.9
West Virginia	5.1	5.1	5.4	5.4	5.5	5.4	4.1	3.1	2.7

SOURCE: U.S. Department of Health and Human Services, Public Health Service, *Health United States 1988*. U.S. Government Printing Office, Washington, D.C., annual.

TABLE 22.28
Occupancy Rate in Community Hospitals for the U.S.,
Virginia, and Surrounding States: 1940–1986

	Percent of Beds Occupied						
	1986	1985	1980	1975	1970	1960	1940
United States	64.5%	65.1%	75.2%	74.2%	77.3%	74.7%	69.9%
Virginia	67.6	67.2	77.8	77.4	81.1	78.0	70.0
Delaware	69.1	68.0	81.8	81.0	78.8	70.2	59.2
District of Columbia	76.6	75.9	83.0	78.9	77.7	80.8	76.2
Florida	62.1	62.5	71.7	70.2	76.2	73.9	57.5
Georgia	63.9	64.4	70.4	68.2	76.5	71.7	62.7
Kentucky	63.3	64.0	77.4	77.3	79.6	73.4	61.6
Maryland	73.3	73.5	84.0	79.3	79.3	73.9	74.6
North Carolina	67.1	64.9	77.8	77.4	78.5	73.9	64.6
South Carolina	69.3	67.7	77.0	74.2	76.4	76.9	69.1
Tennessee	63.2	64.6	75.9	74.4	78.2	75.9	65.5
West Virginia	60.2	60.7	75.6	75.3	79.3	74.5	62.1

SOURCE: U.S. Department of Health and Human Services, Public Health Service, *Health United States 1988*. U.S. Government Printing Office, Washington, D.C., annual.



TABLE 22.29
Average Cost to Community Hospitals Per Patient for the
U.S., Virginia, and Surrounding States: 1980 and 1986

	Average Cost Per Day		Average Cost Per Stay		Percent Change 1980-1986	
	1986	1980	1986	1980	Per Day	Per Stay
United States	\$501	\$245	\$3,533	\$1,851	104.5%	90.9%
Virginia	435	211	3,057	1,647	106.2	85.6
Delaware	526	238	3,596	1,937	121.0	85.6
District of Columbia	664	358	5,268	3,189	85.5	65.2
Florida	536	247	3,715	1,803	117.0	106.0
Georgia	426	218	2,820	1,380	95.4	104.3
Kentucky	406	189	2,575	1,268	114.8	103.1
Maryland	478	251	3,407	2,136	90.4	59.5
North Carolina	409	187	2,807	1,397	118.7	100.9
South Carolina	397	186	2,774	1,367	113.4	102.9
Tennessee	425	204	2,915	1,427	108.3	104.3
West Virginia	428	195	2,790	1,393	119.5	100.3

SOURCES: U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual; Health Insurance Association of America, *Source Book of Health Insurance Data 1988 Update*, Washington, D.C., ND.

NOTE: In dollars, except percent.

TABLE 22.30
Selected Statistics for Non-Federal Hospitals, Virginia: 1987

Facility Name (Location)	Licensed Bed Capacity	Admissions	Average Daily Census	Occupancy Rate
Alexandria (Alexandria)	414	15,782	258.5	62.4%
Alleghany Regional (Alleghany)	209	6,047	110.9	52.0
Arlington (Arlington)	350	15,475	307.6	87.9
Bath County Community (Bath)	25	779	10.2	40.7
Bedford County Memorial (Bedford City)	178	2,161	123.8	69.5
Blue Ridge, UVA (Albemarle)	222	1,995	88.6	39.9
Bristol Memorial (Bristol)	422	12,910	238.0	56.4
Buchanan General-Grundy (Buchanan)	94	2,984	48.2	51.3
Buchanan General-State (Buchanan)	100	4,784	77.0	77.0
Chesapeake General (Chesapeake)	210	9,984	172.1	82.0
Children's (Richmond City)	36	656	15.4	42.8
Children's of King's Daughters (Norfolk)	128	5,526	101.1	79.0
Children's Rehab. Center, UVA (Charlottesville)	39	764	19.3	49.5

CONTINUED —

TABLE 22.30

Selected Statistics for Non-Federal Hospitals, Virginia: 1987, *CONTINUED*

Facility Name (Location)	Licensed Bed Capacity	Admissions	Average Daily Census	Occupancy Rate
Chippenham (Richmond City)	470	15,346	311.4	66.2
Community Memorial (Mecklenburg)	120	3,338	58.1	48.4
Community of Roanoke Valley (Roanoke City)	400	9,481	171.4	42.9
Culpeper Memorial (Culpeper)	96	3,156	44.6	46.5
DePaul (Norfolk)	402	13,608	257.1	64.0
Dickenson County Medical (Clintwood)	50	1,433	17.1	34.3
Fairfax (Fairfax County)	656	39,469	587.3	89.5
Fair Oaks ¹ (Fairfax City)	160	5,247	76.6	47.9
Fauquier (Fauquier)	121	4,093	70.0	57.9
Franklin Memorial (Franklin County)	62	1,678	21.5	34.7
Giles Memorial (Giles)	65	1,517	20.4	31.4
Gill Memorial (Roanoke City)	40	485	1.8	4.5
Greenville Memorial (Emporia)	127	4,302	72.9	57.4
Halifax-South Boston Community (South Boston)	192	5,624	106.8	55.6
Hampton General (Hampton)	369	10,504	248.6	67.4
Henrico Doctors' (Henrico)	312	14,315	260.4	83.5
Hospice of Northern Virginia (Arlington)	15	371	11.0	73.2
Humana-Bayside (Virginia Beach)	250	6,251	121.1	48.4
Humana-Clinch Valley (Tazewell)	200	7,693	116.2	65.2
Humana-St. Luke's (Henrico)	200	4,920	96.0	48.0
Jefferson Memorial (Alexandria)	120	3,620	62.6	52.2
John Randolph (Hopewell)	150	5,265	71.6	47.8
Johnston Memorial (Washington)	154	5,143	95.7	62.1
Johnston-Willis (Chesterfield)	292	7,216	150.6	51.6
King's Daughters (Staunton)	243	6,044	109.4	45.0
Lee County Community (Lee)	80	2,390	37.4	46.5
Lewis-Gale (Salem)	406	11,600	241.9	59.6
Lonesome Pine (Wise)	60	2,735	36.3	60.5
Loudoun Memorial (Loudoun)	119	4,646	67.4	56.6
Louise Obici Memorial (Suffolk)	243	7,163	125.5	51.6
Lynchburg General-Marshall Lodge (Lynchburg)	270	9,989	187.2	69.3
Martha Jefferson (Charlottesville)	221	9,323	139.9	63.3

CONTINUED ➡



TABLE 22.30
Selected Statistics for Non-Federal Hospitals, Virginia: 1987, *CONTINUED*

Facility Name (Location)	Licensed Bed Capacity	Admissions	Average Daily Census	Occupancy Rate
Mary Immaculate (Newport News)	110	4,744	65.7	59.7
Mary Washington (Fredericksburg)	340	14,170	249.4	73.3
Maryview (Portsmouth)	321	10,559	205.4	64.0
Medical College of Virginia (Richmond City)	1,058	29,392	717.7	67.8
Memorial (Danville)	506	12,806	280.5	55.4
Memorial of Martinsville & Henry Co. (Martinsville)	264	8,174	151.0	57.2
Montgomery Regional (Montgomery)	146	4,746	72.5	49.7
Mount Vernon (Fairfax County)	235	6,237	159.3	67.8
National Orthopedic & Rehab. (Arlington)	174	3,701	91.3	52.5
Newport News General (Newport News)	126	2,486	48.9	38.8
Norfolk Community (Norfolk)	202	3,164	75.6	37.4
Northern Virginia Doctors' (Arlington)	267	5,309	113.2	42.4
Northampton-Accomack Memorial (Northampton)	158	4,738	92.5	58.5
Norton Community (Norton)	129	4,768	63.7	49.4
Page Memorial (Page)	54	1,209	15.6	29.0
Portsmouth General (Portsmouth)	311	6,489	127.6	41.0
Potomac (Prince William)	153	6,953	96.5	63.1
Prince William (Manassas)	170	7,085	111.3	65.5
Pulaski Community (Pulaski)	153	3,925	82.4	53.9
Radford Community (Radford)	175	5,589	80.4	45.9
Rappahannock General (Lancaster)	76	2,788	42.6	56.1
Reston ² (Fairfax Co.)	127	2,625	51.3	40.4
R. J. Reynolds-Patrick Co. Memorial (Patrick)	77	1,653	23.3	30.3
Retreat (Richmond City)	230	5,005	95.9	41.7
Richmond Community (Richmond City)	104	2,450	54.7	52.6
Richmond Eye and Ear (Richmond City)	60	1,266	6.2	10.4
Richmond Memorial (Richmond City)	420	11,353	244.5	57.2
Richmond Metropolitan (Richmond City)	180	3,699	92.7	51.5
Riverside (Newport News)	576	19,517	404.5	70.2
Roanoke Memorial (Roanoke City)	677	21,250	438.6	64.8
Rockingham Memorial (Harrisonburg)	330	11,042	191.3	58.0
Russell County Medical Center (Russell)	78	3,027	40.8	52.3

CONTINUED ➡

TABLE 22.30

Selected Statistics for Non-Federal Hospitals, Virginia: 1987, *CONTINUED*

Facility Name (Location)	Licensed Bed Capacity	Admissions	Average Daily Census	Occupancy Rate
St. Mary's (Henrico)	401	14,123	242.6	60.5
St. Mary's (Norton)	98	2,593	69.9	71.3
Sentara-Leigh Memorial ³ (Norfolk)	250	9,737	179.9	72.0
Sentara-Norfolk General ⁴ (Norfolk)	644	23,636	479.5	74.5
Shenandoah County Memorial (Shenandoah)	133	2,250	64.5	48.5
Smyth County Community (Smyth)	176	3,672	74.1	42.1
Southampton Memorial (Franklin City)	105	3,000	58.5	55.7
Southside Community (Prince Edward)	117	3,831	56.2	48.1
Southside Regional Medical Center ⁵ (Petersburg)	468	12,946	254.3	54.3
Stonewall Jackson (Lexington)	130	2,315	74.6	57.4
Stuart Circle (Richmond City)	153	4,829	86.5	56.5
Tazewell Community (Tazewell)	50	1,857	28.6	57.3
Tidewater Memorial (Essex)	100	1,343	39.2	39.2
Transitional Care Pavilion ⁶ (Norfolk)	16	4	1.3	7.8
Twin County Community (Galax)	149	4,776	85.6	57.4
University of Virginia (Albemarle)	582	23,774	413.1	71.0
Virginia Baptist (Lynchburg)	328	11,500	210.5	64.2
Virginia Beach General (Virginia Beach)	263	14,638	206.1	78.4
Walter Reed (Gloucester)	71	2,052	53.1	74.8
Warren Memorial (Warren)	151	2,300	75.9	50.3
Waynesboro Community (Waynesboro)	171	5,458	83.4	48.8
Williamsburg Community (Williamsburg)	139	5,030	77.5	54.2
Winchester Memorial ⁷ (Winchester)	440	15,198	253.6	57.6
Wise Appalachian Regional (Wise)	67	2,327	29.7	44.4
Wythe County Community (Wythe)	106	2,671	51.8	48.9

SOURCE: Commonwealth of Virginia, Department of Health. *Beds and Utilization, 1987 Survey of Virginia Hospitals and Nursing Homes*. Richmond, Virginia, annual.

NOTES:

1Formerly Commonwealth Hospital.

2Formerly Circle Terrace in Alexandria.

3Formerly Leigh Memorial.

4Formerly Norfolk General.

5Formerly Petersburg General.

6Formerly Ear, Nose, and Throat Hospital.

7Formerly Winchester Medical Center, Inc.



TABLE 22.31
Selected Statistics for Federal Hospitals, Virginia: 1987

Facility Name (Location)	Licensed Bed Capacity	Admissions	Average Daily Census	Occupancy Rate
First Medical Group ¹ (Hampton)	93	5,133	67.0	78.5%
Kenner Army Hospital (Prince George)	101	3,981	57.5	56.9
McDonald Army Hospital (Newport News)	88	3,296	35.5	40.3
Naval Hospital (Portsmouth)	501	24,388	355.8	71.0
U.S. DeWitt Army Hospital (Fairfax County)	169	7,060	72.3	42.8
Veterans Administration Center (Hampton)	614	7,456	408.9	66.6
Veterans Administration Hospital (Richmond City)	814	16,768	534.0	65.6
Veterans Administration Hospital (Salem)	910	7,873	695.2	76.2

SOURCE: Commonwealth of Virginia, Virginia Department of Health, *Beds and Utilization, 1987 Survey of Virginia Hospitals and Nursing Homes*. Richmond, Virginia, annual.

NOTE: ¹Formerly U.S. Air Force Hospital-Langley.

TABLE 22.32
**Selected Statistics for State and Private Psychiatric
 and Related Hospitals, Virginia: 1987**

Facility Name (Location)	Service Provided					Bed Capacity	Average Daily Census	Occupancy Rate
	M S	G P	D T	L C	O H			
Arise Alcohol & Drug Treatment Center (Bedford County)			X			23	15.4	66.9
Arlington Treatment Center (Harrison)			X			24	NA	NA
Boxwood Treatment Center (Culpeper)			X			28	20.0	71.4
Carroll House ICF/MR (Carroll)				X		12	11.6	96.5
Catawba Hospital (Roanoke County)		X	X	X		270	209.9	77.7
Central State Hospital (Dinwiddie)		X				545	NA	NA
Central Virginia Training Center (Amherst)	X			X		1,800	1,492.2	82.9
Charter Colonial Institute (Newport News)		X				60	56.4	93.9
Charter Hospital (Charlottesville)		X				75	38.3	54.8
Charter Westbrook Hospital (Henrico)		X	X			196	127.1	64.2
DeJarnette Center (Augusta)				X		65	51.1	78.7
Dominion Hospital (Fairfax County)		X	X	X		158	125.8	79.6

CONTINUED ➡

TABLE 22.32

Selected Statistics for State and Private Psychiatric and Related Hospitals, Virginia: 1987, *CONTINUED*

Facility Name (Location)	Service Provided					Bed Capacity	Average Daily Census	Occupancy Rate
	M S	G P	D T	L T C	O T H			
Eastern State (James City)	X	X	X	X	X	1,006	863.2	82.4
Edwards Ferry House (Leesburg)				X		6	6.0	100.0
FACTS—New Beginning (Fairfax County)			X			18	15.2	84.5
FACTS—Crossroads (Alexandria)			X			40	35.6	89.0
Finney Avenue Residence (Suffolk)				X		12	12.0	100.0
Flynn Christian Fellowship House (Portsmouth)			X			36	25.1	69.8
Graydon Manor (Loudoun)					X	61	55.4	90.7
Green Street Regional Alcoholic Program (Portsmouth)			X			31	24.6	79.4
Harrison ICF/MR Residence (Harrisonburg)				X		15	15.0	100.0
Hazeldridge Road Residence (Roanoke County)				X		13	NA	NA
Hegira House—MHSRV (Roanoke City)			X			24	NA	NA
Hiram Davis Medical Center (Dinwiddie)	X			X		87	65.6	75.5
Holiday House of Portsmouth, Inc. (Portsmouth)				X		28	28.0	100.0
Humana Resources—Willow Oaks (Canersville)			X			29	18.0	62.1
Human Resources—Grace Street (Richmond City)			X			45	NA	NA
Life Center, the (Galax)			X			38	15.7	41.4
MHSRV—Alcohol Detox. & Rehab. Center (Roanoke City)			X			21	NA	NA
Minerva Fisher Hall Group Home (Vienna)				X		12	NA	NA
Mountainwood, LTD (Charlottesville)			X			80	NA	NA
Mount Regis Center (Salem)			X			25	6.3	25.2
Multilodge—MHSRV (Roanoke City)			X			16	NA	NA
New Beginnings/Serenity Lodge (Chesapeake)			X			60	18.5	30.9
New Life Center/Chit Chat (Winchester)			X			26	19.4	74.8
Norfolk Psychiatric Center (Norfolk)		X	X			75	44.2	58.9
North 16th Street Group Home (Arlington)				X		8	7.0	87.5
Northern Virginia Mental Health Institute (Fairfax)		X				114	102.2	89.6
Northern Virginia Training Center (Fairfax County)				X		282	269.4	90.1
Pathways Treatment Center (Lynchburg)			X			20	12.5	62.3
Paul Victorius House (Charlottesville)				X		8	8.0	100.0
Peninsula Hospital (Hampton)		X	X			125	NA	NA

CONTINUED —

**TABLE 22.32****Selected Statistics for State and Private Psychiatric and Related Hospitals, Virginia: 1987, *CONTINUED***

Facility Name (Location)	Service Provided					Bed Capacity	Average Daily Census	Occupancy Rate
	M S	G P	D T	L T C	O T H			
Piedmont Geriatric Hospital (Nottoway)					X	230	200.2	87.0
Poplar Springs Hospital (Petersburg)		X	X		X	100	74.9	74.9
Portsmouth Psychiatric Center (Portsmouth)		X	X			186	161.4	86.8
Portsmouth Drug Treatment Service (Portsmouth)				X		23	18.6	81.0
Primavera (Culpeper)				X		30	22.9	76.2
Psychiatric Institute of Hampton Roads ¹ (Norfolk)		X				80	48.8	61.0
Psychiatric Institute of Richmond (Richmond City)		X	X		X	84	46.9	55.9
Roanoke Valley Psychiatric Center (Salem)		X	X		X	145	NA	NA
Rubicon—Bainbridge Street (Richmond City)				X		70	50.5	72.2
Rubicon—Grace Street (Richmond City)				X		53	NA	NA
St. Alban's Psychiatric Hospital (Radford)		X	X			162	143.9	88.8
St. Johns Hospital (Richmond City)				X		70	30.6	43.7
St. Mary's Psychiatric Center (Norton)		X	X			35	12.3	35.2
Sarah Bonwell Hudgins Regional Center (Hampton)				X		20	19.0	95.0
Second Genesis, Inc. (Alexandria)				X		87	66.0	75.9
Serenity Home (Fredericksburg)				X		14	NA	NA
Serenity House (Newport News)				X		13	NA	NA
Shalom et Benedictus (Frederick)				X		21	18.8	89.7
Southeastern Virginia Training Center (Chesapeake)				X		200	202.9	101.4
Southern Virginia Mental Health Institute (Danville)		X				96	93.8	97.7
Southside Virginia Training Center (Petersburg)				X		776	713.1	86.3
Southwestern Virginia Training Center (Carroll)				X		223	216.3	97.0
Southwestern State Hospital (Smyth)	X	X	X	X	X	297	353.3	119.0
Springwood Psychiatric Institute (Loudoun)		X	X			48	43.0	89.5
Taylor Run Residence (Alexandria)				X		7	NA	NA

CONTINUED ➡

TABLE 22.32
Selected Statistics for State and Private Psychiatric
and Related Hospitals, Virginia: 1987, *CONTINUED*

Facility Name (Location)	Service Provided					Bed Capacity	Average Daily Census	Occupancy Rate
	M S	G P	D T	L T C	O T H			
Tidewater Psychiatric Institute (Norfolk)		X				65	NA	NA
Tidewater Psychiatric Institute (Virginia Beach)		X	X			61	57.2	93.7
Vanguard Services (Arlington)			X			66	NA	NA
Virginia Treatment Center for Children (Richmond City)		X				32	24.5	76.4
Western State Hospital (Augusta)	X	X	X	X	X	700	642.3	90.1

SOURCE: Commonwealth of Virginia, Department of Health, *Beds and Utilization, 1987 Survey of Virginia Hospitals and Nursing Homes*, Richmond, Virginia, annual.

NOTES: Services provided categories include:
 MS—Medical/Surgical
 GP—General Psychiatric
 DT—Drug Treatment
 LTC—Long Term Care
 OTH—Other Service
 1Formerly Community Mental Health Center and Psychiatric Institute.
 NA—Not available.

TABLE 22.33
Selected Hospital Charges, Virginia: February 1, 1988

Hospital	Average Charge Per Patient Day	Net Charge Per Patient Day	Semi- Private Room Charge	Intensive/ Coronary Care Unit Rate	Delivery Room Rate
Alexandria	\$735	\$582	\$121	\$358	\$375
Alleghany Regional	691	466	NA	360	400
Arlington	633	507	160	525	380
Bedford County Memorial	559	445	173	441	325
Buchanan General	625	417	187	292	380
Centra-Health, Inc.	432	352	200	426	450
Charter Colonial Institute	547	401	503	660	NA
Charter Hospital of Charlottesville	504	368	457	NA	NA
Charter Westbrook	458	335	400	NA	NA
Chesapeake General	757	539	NA	745	660
Children's	505	378	212	NA	NA
Children's Hospital of the King's Daughters	1,306	887	290	1,275	NA
Chippenham	950	661	245	560	550
Community Hospital of Roanoke Valley	767	569	190	550	499
Community Memorial	526	349	159	432	550
Cumberland	670	554	452	536	NA
DePaul	802	521	235	675	625
Dickenson County Medical Center	672	474	149	325	NA
Dominion	635	555	NA	NA	NA
Fair Oaks	752	650	175	450	380
Fairfax	919	770	189	795	540
Franklin Memorial	548	420	165	400	400

CONTINUED ➡



TABLE 22.33
Selected Hospital Charges, Virginia: February 1, 1988, *CONTINUED*

Hospital	Average Charge Per Patient Day	Net Charge Per Patient Day	Semi- Private Room Charge	Intensive/ Coronary Care Unit Rate	Delivery Room Rate
Giles Memorial	708	486	175	354	NA
Gill Memorial EENT	1,318	962	167	NA	NA
Graydon Manor	239	192	257	NA	NA
Greensville Memorial	490	343	170	450	300
Halifax-South Boston	491	347	163	285	445
Hampton General	716	480	220	715	NA
Henrico Doctors'	1,343	865	214	710	545
Humana Hospital Bayside	977	617	236	693	NA
Humana Hospital Clinch Valley	1,183	678	220	515	231
Humana St. Lukes	969	546	205	450	NA
Jefferson Memorial	864	613	153	672	672
John Randolph	708	506	205	268	211
Johnston Memorial	533	367	160	345	375
Johnston-Willis	852	632	233	564	NA
Lake Taylor City	107	85	180	NA	NA
Lee County Community	757	472	210	418	303
Lewis-Gale	773	512	200	555	220
Lonesome Pine	760	469	147	365	300
Loudoun Hospital Center	331	292	189	564	552
Lousie Obici	644	489	245	643	667
Martinsville & Henry County	434	363	152	375	400
Mary Immaculate	745	564	NA	525	452
Maryview Medical Center	759	488	225	695	525
Medical College of Virginia	945	556	240	676	344
Memorial (Danville)	472	353	195	574	750
Metropolitan	682	443	NA	550	NA
Montgomery Regional	623	438	172	372	380
Mount Vernon	742	571	175	486	NA
Natl Hosp. for Ortho. & Rehab.	856	647	205	685	NA
Newport News General	665	499	200	600	NA
Norfolk Community	745	400	226	667	698
Norfolk Psychiatric Center	633	369	573	684	NA
Northampton-Accomack	515	309	204	547	375
Northern Virginia Doctors	832	602	199	657	NA
Norton Community	794	518	140	382	NA
Peninsula	536	377	450	NA	NA
Poplar Springs	494	367	482	NA	NA
Portsmouth General	753	476	240	612	240
Portsmouth Psychiatric Center	582	364	573	684	NA
Potomac	778	679	189	675	345
Prince William	661	529	190	555	190
Psychiatric Institute of Richmond	493	391	489	NA	NA
Psychiatric Institute of the Medical College of Hampton Roads	302	302	500	NA	NA
Pulaski Community	623	406	142	340	375
R.J. Reynolds Patrick Co. Memorial	376	305	157	406	341
Radford Community	609	496	164	367	325
Rappahannock General	577	442	170	405	115
Rehabilitation Institute of Virginia	644	480	426	NA	NA
Reston Hospital Center	726	639	197	690	NA
Retreat	651	494	207	528	NA
Richmond Community	646	426	203	398	NA
Richmond Eye & Ear	1,085	839	194	NA	NA
Richmond Memorial	702	439	205	535	583
Riverside	668	497	226	772	159
Roanoke Memorial	762	578	192	558	499
Roanoke Valley Psychiatric Center	458	345	400	NA	NA
Russell County Medical Center	727	490	179	415	273
Saint Albans	440	312	400	NA	NA
Sentara Leigh	643	544	NA	535	NA
Sentara Norfolk General	856	654	113	295	572
Sheltering Arms	507	345	235	NA	NA
Smyth County Community	574	339	140	345	375

CONTINUED —

TABLE 22.33
Selected Hospital Charges, Virginia: February 1, 1988, *CONTINUED*

Hospital	Average Charge Per Patient Day	Net Charge Per Patient Day	Semi-Private Room Charge	Intensive/Coronary Care Unit Rate	Delivery Room Rate
Southampton Memorial	194	158	205	520	325
Southside Community	678	456	195	475	375
Southside Regional Medical Center	551	373	204	543	578
Springwood	611	540	570	700	NA
St. Mary's (Richmond)	832	592	210	590	589
St. Mary's	349	241	133	357	275
Stuart Circle	799	540	205	535	NA
Tazewell Community	785	499	172	405	346
Tidewater Memorial	561	375	200	500	NA
Tidewater Psychiatric Institute-Norfolk	677	363	525	663	NA
Tidewater Psychiatric Institute-Virginia Beach	661	401	525	663	NA
Twin County Community	509	351	145	367	341
Virginia Beach General	854	595	228	696	249
Walter Reed	563	374	223	616	NA
Williamsburg Community	644	525	224	586	NA
Wise Appalachian Regional	719	480	145	324	NA
Wythe County Community	509	349	165	356	356

SOURCE: Commonwealth of Virginia, Health Services Cost Review Commission, *Interpretation and Findings Comparison of Hospital Charges as of February 1, 1988 and Comparison of Hospital Charges by Diagnoses and Procedures for the Month of February, 1988*. Richmond, Virginia, annual.

NOTE: NA—Not available.

TABLE 22.34
Nursing Homes with 25 or More Beds for the U.S., Virginia, and Surrounding States: 1976 and 1986

	Number of Nursing Homes		Number of Beds		Bed Rate	
	1986	1976	1986	1976	1986	1976
United States	16,033	14,133	1,618,480	1,291,632	55.5	56.3
Virginia	288	208	29,653	23,816	48.9	54.1
Delaware	36	22	3,345	2,123	46.5	40.8
District of Columbia	19	17	3,029	2,604	39.3	36.7
Florida	649	308	63,403	32,339	30.6	23.3
Georgia	298	304	31,738	26,732	52.2	64.9
Kentucky	277	267	26,426	19,929	58.9	53.3
Maryland	200	165	24,402	18,559	51.6	53.0
North Carolina	402	276	34,049	20,903	46.6	40.8
South Carolina	157	102	14,071	8,311	39.6	34.8
Tennessee	267	258	28,599	19,448	48.5	42.9
West Virginia	103	73	8,692	4,858	33.3	22.6

SOURCE: U.S. Department of Health and Human Services, Public Health Service, *Health United States 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: "Bed Rate" equals the number of beds per 1,000 population age 65 or over.



TABLE 22.35
Selected Statistics for Nursing Homes and
Nursing Units of Homes for Adults, Virginia: 1987

Facility (Location)	Licensed Bed Capacity	Staffed Beds		Licensed Nursing Beds		
		Nursing Home	Home for Adults	Admissions	Average Daily Census	Occupancy Rate
Accomack County (Accomack)	136	136	...	94	132.0	97.1%
Asbury Center at Birdmont (Wythe)	162	152	10	90	147.9	97.3
Ashland Conv. Center (Hanover)	130	130	...	71	128.5	98.8
Autumn Care of Chesapeake (Chesapeake)	54	54	...	30	53.4	98.8
Autumn Care of Great Bridge (Chesapeake)	55	55	...	45	53.5	97.3
Autumn Care of Portsmouth (Portsmouth)	73	73	...	56	70.6	96.7
Autumn Care of Suffolk (Suffolk)	120	119	...	74	115.6	96.3
Avis B. Adams (Emporia)	130	120	10	97	119.1	99.2
Barcroft Institute (Fairfax County)	58	58	...	27	57.0	98.3
Battlefield Park Conv. Center (Petersburg)	120	120	...	83	119.0	99.1
Bedford County (Bedford County)	56	56	...	19	55.2	96.5
Berkshire (Roanoke County)	120	120	...	59	117.9	98.3
Berry Hill (South Boston)	120	120	...	39	116.7	97.3
Beth Shalom Home of Central Virginia (Henrico)	116	191	15	32	96.8	97.7
Beth Shalom Home of Eastern Virginia (Virginia Beach)	120	120	...	32	118.8	99.0
Beverly Manor (Portsmouth)	120	120	...	109	116.4	97.0
Bi-County Clinic (Accomack)	24	24	...	46	20.2	84.1
Blue Ridge Highlands (Galax)	120	120	...	102	115.5	96.2
Blue Ridge Nursing Center (Patrick)	120	120	...	46	118.4	98.7
Brent-Lox (Chesapeake)	120	117	...	84	116.7	97.2
Bridgewater Home (Rockingham)	254	200	43	72	193.5	96.8
Bristol Health Care Center (Bristol)	120	120	...	142	116.8	97.3
Brookwood (Stafford)	34	34	...	11	32.0	94.1
Cambridge Manor (Henrico)	196	196	...	148	187.2	95.5
Camelot Hall (Danville)	120	120	...	87	117.6	98.0
Camelot Hall (Harrisonburg)	180	180	...	145	176.4	98.0
Camelot Hall (Henrico)	180	180	...	135	176.4	98.0
Camelot Hall (Lynchburg)	180	180	...	92	177.2	98.4
Camelot Hall (Roanoke County)	240	240	...	264	235.0	97.9
Camelot Hall-Cherrydale (Arlington)	240	240	...	96	232.1	96.7

CONTINUED ➡

TABLE 22.35

Selected Statistics for Nursing Homes and Nursing Units
of Homes for Adults, Virginia: 1987, *CONTINUED*

Facility (Location)	Licensed Bed Capacity	Staffed Beds		Licensed Nursing Beds		
		Nursing Home	Home for Adults	Admissions	Average Daily Census	Occupancy Rate
Camelot Hill (Chesapeake)	240	240	...	123	237.1	98.8
Camelot Hill (Virginia Beach)	240	240	...	86	236.8	98.7
Carriage Hill Nursing Home (Stafford)	120	70	20	82	52.9	75.5
Carter Hall (Lee)	50	50	...	42	48.9	97.9
Cedar Lawn Conv. Home (Washington)	120	120	...	61	116.7	97.2
Cedars (Charlottesville)	143	141	...	90	128.4	89.8
Chippenham Manor (Richmond City)	196	196	...	164	191.8	97.8
Coliseum Park (Hampton)	120	120	...	36	118.5	98.7
Colonial Heights Conv. Center (Colonial Heights)	136	136	...	110	135.6	99.7
Commonwealth Health Care (Martinsville)	284	182	102	214	165.0	90.7
Crystal City Nursing Center (Arlington)	240	240	...	166	194.6	81.1
Culpeper Baptist Retirement Community (Culpeper)	259	47	212	12	39.4	83.9
Culpeper Health Care Center (Culpeper)	180	180	...	242	178.0	98.9
District Home (Augusta)	151	91	60	34	86.5	95.0
District (Fauquier)	51	51	...	11	50.3	98.6
Eldercare Gardens (Charlottesville)	180	180	...	274	173.6	96.4
Eldercare of Farmville (Prince Edward)	120	120	...	45	117.0	97.5
Eldercare of Franklin County (Franklin)	120	120	...	155	115.1	95.9
Elizabeth Adam Crump Manor (Henrico)	180	176	...	107	173.1	96.2
Fairfax Nursing Center (Fairfax City)	200	200	...	298	197.5	98.8
Forest Hill Conv. Center (Richmond City)	202	174	24	284	172.6	99.2
Francis Marion Manor (Smyth)	38	38	...	21	37.4	98.4
Francis N. Sanders (Gloucester)	55	55	...	16	55.0	100.0
Fredericksburg (Spotsylvania)	177	177	...	145	174.9	98.8
Friendship Manor Conv. Center (Roanoke County)	373	373	...	403	365.1	97.9
Goodwin House (Alexandria)	423	94	329	175	87.1	92.7
Guggenheimer (Lynchburg)	110	110	...	77	108.9	99.0
Hampton Conv. Center (Hampton)	160	160	...	94	123.9	96.9
Heritage Hall-Big Stone Gap (Wise)	180	180	...	76	176.6	98.1
Heritage Hall-Blacksburg (Montgomery)	194	194	...	199	191.6	98.8

CONTINUED ➡

**TABLE 22.35****Selected Statistics for Nursing Homes and Nursing Units
of Homes for Adults, Virginia: 1987, *CONTINUED***

Facility (Location)	Licensed Bed Capacity	Staffed Beds		Licensed Nursing Beds		
		Nursing Home	Home for Adults	Admissions	Average Daily Census	Occupancy Rate
Heritage Hall-Blackstone (Nottoway)	180	180	...	104	178.7	99.3
Heritage Hall-Clintwood (Dickenson)	100	100	...	50	98.9	98.9
Heritage Hall-Dillwyn (Buckingham)	60	60	...	20	59.5	99.2
Heritage Hall-Front Royal (Front Royal)	60	60	...	89	45.2	75.4
Heritage Hall-King George (King George)	130	130	...	72	125.6	96.6
Heritage Hall-Leesburg (Loudoun)	120	120	...	53	118.1	98.4
Heritage Hall-Nassawadox (Northampton)	125	125	...	53	124.6	99.7
Heritage Hall-Tazewell (Tazewell)	180	180	...	122	177.7	98.7
Heritage Hall-Wise (Wise)	62	62	...	63	61.2	98.8
Hermitage in Northern Virginia (Loudoun)	346	109	208	48	96.2	79.5
Hermitage on the Eastern Shore (Accomack)	173	35	89	17	31.4	89.7
Highland Manor (Pulaski)	132	132	...	156	125.7	95.2
Hillcrest Manor (Winchester)	62	62	...	25	61.5	99.2
Hillhaven Rehab. & Conv. Center (Norfolk)	172	172	...	229	176.4	102.6
Holly Manor (Prince Edward)	115	115	...	44	113.8	99.0
Holmes Conv. Center (Virginia Beach)	160	160	...	122	158.7	99.2
Hopewell Conv. Center (Hopewell)	130	130	...	89	115.7	89.0
Huntington Conv. Center (Newport News)	250	250	...	185	249.2	99.7
Iliff (Fairfax County)	130	129	...	105	116.6	89.7
Imperial Health Center (Richmond City)	68	68	...	43	65.1	95.7
James River Conv. Center (Newport News)	195	195	...	140	183.2	96.7
John Randolph (Hopewell)	124	124	...	77	122.2	98.5
Lafayette Villa Health Care (Norfolk)	242	242	...	136	236.8	97.8
Lakewood Manor (Henrico)	540	110	430	172	79.4	72.2
Lancashire (Lancaster)	120	120	...	55	116.6	97.2
Leewood (Fairfax County)	176	132	44	64	127.2	96.3
Libbie Conv. Center (Henrico)	195	195	...	264	194.9	99.9
Liberty House (Alleghany)	150	150	...	131	147.8	98.5
Liberty House (Harrisonburg)	117	117	...	87	113.9	97.3
Liberty House (Roanoke City)	141	141	...	123	136.9	97.1

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TABLE 22.35

**Selected Statistics for Nursing Homes and Nursing Units
of Homes for Adults, Virginia: 1987, *CONTINUED***

Facility (Location)	Licensed Bed Capacity	Staffed Beds		Licensed Nursing Beds		
		Nursing Home	Home for Adults	Admissions	Average Daily Census	Occupancy Rate
Liberty House (Waynesboro)	109	109	...	80	107.0	98.2
Life Care Center of New Market (Shenandoah)	76	76	...	98	72.4	95.2
Little Sisters of the Poor (Henrico)	126	44	45	12	45.3	72.0
Loudoun Memorial Hospital (Leesburg)	100	100	...	117	91.8	91.8
Louisa Health Care Center (Louisa)	90	90	...	80	88.4	98.3
Lovingson Health Care Center (Nelson)	60	60	...	58	57.4	95.6
Lucy Carr Nursing Home (Chesterfield)	194	194	...	94	190.8	98.1
Lynchburg (Lynchburg)	89	89	...	16	88.3	99.2
Lynn Shores Manor (Virginia Beach)	242	242	...	189	234.9	97.0
Manning Conv. Home (Portsmouth)	258	258	...	438	259.6	97.1
Manor Care-Arlington (Arlington)	196	190	...	434	166.4	84.9
Martha Jefferson H & I (Charlottesville)	66	28	30	31	26.3	77.3
Martinsville Conv. Center (Henry)	142	142	...	38	141.3	99.5
Masonic Home of Virginia (Henrico)	243	42	96	...	30.3	72.1
Mathews Convalescent (Mathews)	59	59	...	75	46.3	78.4
Meadowbrook (Montgomery)	120	120	...	60	119.2	99.3
Medical Care Center (Lynchburg)	118	118	...	138	110.2	93.4
Medicenter-Virginia Beach (Virginia Beach)	118	118	...	379	108.8	92.2
Mizpah (Middlesex)	64	64	...	33	61.8	96.5
Montvue (Page)	120	120	...	58	117.5	97.9
Mount Vernon Nursing Center (Fairfax County)	130	130	...	88	122.3	94.1
Mountain View (Madison)	40	40	...	13	39.4	98.5
Nansemond Conv. Center (Suffolk)	100	100	...	37	97.8	97.8
Newport Conv. Center (Newport News)	50	50	...	46	48.2	96.4
Oak Hill (Staunton)	157	130	27	65	128.0	98.5
Oak Lea (Harrisonburg)	120	120	...	35	113.5	94.6
Oak Meadow, Inc. (Fairfax County)	96	96	...	72	89.4	93.1
Oak Springs of Warrenton (Fauquier)	130	130	...	137	123.5	96.8
Orange County Nursing Home (Orange)	168	134	34	40	132.6	99.0
Patrick Henry Hospital (Newport News)	385	385	...	244	375.2	97.5

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TABLE 22.35
Selected Statistics for Nursing Homes and Nursing Units
of Homes for Adults, Virginia: 1987, *CONTINUED*

Facility (Location)	Licensed Bed Capacity	Staffed Beds		Licensed Nursing Beds		
		Nursing Home	Home for Adults	Admissions	Average Daily Census	Occupancy Rate
Piedmont Health Care Center (Charlottesville)	201	173	28	140	169.0	97.7
Pines Conv. Center (Williamsburg)	157	157	...	92	155.6	99.6
Powhatan (Fairfax County)	160	160	...	63	140.0	87.5
Pulaski Health Care Center (Pulaski)	60	60	...	34	59.5	99.2
Richfield Nursing Center (Roanoke County)	327	327	...	383	323.0	98.8
Richmond (Richmond City)	169	169	...	232	162.8	96.3
Richmond Home for Ladies (Richmond City)	77	22	51	...	19.6	89.1
Ridgecrest Manor (Scott)	120	120	...	90	118.5	98.8
Riverside Health Care Center (Danville)	180	180	...	124	176.5	98.1
Riverview (Giles)	60	60	...	25	58.7	97.8
Roanoke City (Botetourt)	58	58	...	39	55.1	95.0
Roanoke United Methodist Home (Roanoke City)	160	40	81	9	36.6	91.4
Roman Eagle Memorial Home (Danville)	312	312	...	144	309.6	99.2
Rose Hill (Clarke)	120	120	...	76	117.7	98.1
Ryan (Amherst)	51	51	...	29	49.9	97.8
Saluda Home (Middlesex)	60	60	...	28	59.1	98.4
Sentara Nursing Center (Chesapeake)	102	102	...	67	101.1	99.1
Sentara Nursing Center (Norfolk)	116	99	...	19	61.4	94.3
Seven Hills Health Care Center (Lynchburg)	109	109	...	68	107.9	99.0
Shawnee Springs (Winchester)	176	176	...	195	170.7	97.0
Shenandoah Manor/Clifton Forge (Clifton Forge)	47	47	...	19	46.1	98.1
Shenandoah Valley Health Care (Buena Vista)	93	93	...	102	40.3	43.4
Skyline Manor (Floyd)	60	60	...	13	59.5	99.2
Skyline Terrace Conv. Home (Shenandoah)	70	70	...	37	68.5	97.9
Sleepy Hollow Manor (Fairfax County)	230	230	...	142	220.8	96.0
Smithfield Home (Isle of Wright)	95	59	21	42	58.5	97.6
Snyder (Salem)	45	45	...	27	44.0	97.7
South Roanoke (Roanoke City)	104	104	...	51	102.4	98.5
Southampton Memorial Hospital (Franklin City)	116	116	...	35	114.4	98.6
St. John's (Lynchburg)	45	45	...	49	42.4	94.3

CONTINUED —

TABLE 22.35

Selected Statistics for Nursing Homes and Nursing Units
of Homes for Adults, Virginia: 1987, *CONTINUED*

Facility (Location)	Licensed Bed Capacity	Staffed Beds		Licensed Nursing Beds		
		Nursing Home	Home for Adults	Admissions	Average Daily Census	Occupancy Rate
St. Mary's Infant Home (Norfolk)	88	88	...	12	60.0	83.9
Staunton Manor (Staunton)	89	89	...	62	79.0	88.8
Stratford Hall (Henrico)	194	194	...	180	187.0	96.4
Sunnyside Presbyterian Home (Rockingham)	226	100	126	15	96.5	96.5
Susan B. Miller (Shenandoah)	54	54	...	22	53.1	98.3
Tappahannock Manor (Essex)	128	60	68	61	57.4	95.7
Thornton Hall (Norfolk)	85	60	22	20	59.4	99.1
Twin Oaks Conv. Home (South Boston)	54	54	...	26	53.5	99.1
University Park (Henrico)	198	180	18	161	165.6	92.0
Valley (Smyth)	147	120	27	75	119.1	99.2
Via Health Care Center (Richmond City)	372	115	257	8	99.3	86.4
Virginia Baptist Home (Newport News)	262	52	183	114	49.8	95.8
Virginia Home (Richmond City)	113	113	...	9	111.7	98.8
Virginia Synod Lutheran Home (Roanoke City)	62	62	...	26	60.5	97.5
Virginian (Fairfax City)	400	100	259	157	NAV	NAV
W. S. Hundley Annex (Mecklenburg)	140	140	...	104	137.0	97.9
Waddell (Galax)	135	135	...	188	132.5	98.2
Walnut Hill Conv. Center (Petersburg)	120	120	...	184	118.8	99.0
Walter Reed Conv. Center (Gloucester)	120	120	...	78	118.6	98.8
Warsaw Health Care Center (Warsaw)	180	180	...	121	175.3	97.4
Washington House (Alexandria)	253	68	185	10	62.0	91.2
Westminster Canterbury (Winchester)	281	40	241	71	26.6	66.5
Westminster-Canterbury (Rappahannock)	60	34	26	58	24.8	72.9
Westminster-Canterbury (Virginia Beach)	653	75	578	175	72.8	97.3
Westminster-Canterbury House (Henrico)	768	133	635	199	128.9	96.9
Westminster-Canterbury (Lynchburg)	419	80	339	46	77.5	96.9
Westport Conv. Center (Henrico)	225	225	...	256	217.5	96.7
William T. Hall Mem. Conv. Home (Portsmouth)	32	32	...	20	31.5	98.4
Williamsburg Landing (James City Co.)	52	15	22	63	11.5	77.0
Windsor (Richmond City)	75	75	...	83	66.6	88.9

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TABLE 22.35
Selected Statistics for Nursing Homes and Nursing Units
of Homes for Adults, Virginia: 1987, *CONTINUED*

Facility (Location)	Licensed Bed Capacity	Staffed Beds		Licensed Nursing Beds		
		Nursing Home	Home for Adults	Admissions	Average Daily Census	Occupancy Rate
Woodbine Nursing & Conv. Cntr. (Alexandria)	257	257	...	300	250.7	97.6
Woodbridge (Prince William)	120	120	...	56	117.6	98.0
Woodhaven Village (Bedford)	48	48	...	30	47.4	98.7
Woodmont (Stafford)	122	122	...	101	118.4	97.0
Woodview (Halifax)	180	180	...	133	178.2	99.0

SOURCE: Commonwealth of Virginia, Department of Health, *Beds and Utilization, 1987 Survey of Virginia Hospitals and Nursing Homes*. Richmond, Virginia, annual.

TABLE 22.36
Adult Per Capita Consumption of Alcoholic Beverages by
Type for the U.S., Virginia, and Surrounding States: 1985

	Beer		Wine		Distilled Spirits	
	Amount	Rank	Amount	Rank	Amount	Rank
United States	34.46	NA	3.47	NA	2.53	NA
Virginia	32.19	33	2.72	27	2.19	31
Delaware	37.70	13	3.67	16	3.66	4
District of Columbia	36.04	NA	8.95	NA	6.61	NA
Florida	39.70	11	3.61	17	3.10	9
Georgia	31.94	35	2.42	31	2.88	16
Kentucky	27.99	46	1.22	47	1.89	42
Maryland	34.24	25	3.31	20	3.24	7
North Carolina	28.36	45	2.46	30	2.16	32
South Carolina	32.90	30	2.27	34	2.82	18
Tennessee	28.63	44	1.46	43	1.90	41
West Virginia	28.71	43	1.19	48	1.18	50

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States, 1987*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In wine gallons. Per capita figures based on population age 21 and over.
 NA—not available



Section 23: Wholesale and Retail Trade

This section presents data on business establishments engaged in the distribution and sale of goods. It includes statistics on the number of establishments and employees, sales, and payrolls. Several tables give a detailed listing of establishment types in the state, while the county/city tables offer summary statistics on sales in each locality. Data on taxable sales, closely related to retail sales, are given in Section 19 (Taxes).

As part of its Economic Censuses, the Bureau of the Census conducts a Census of Wholesale Trade and a Census of Retail Trade every five years; the last with published data on Virginia are from 1982. The 1982 Census of Wholesale Trade covers such topics as establishment and firm size, commodity line sales, and inventories. The data reproduced here come from the Geographic Area Series of this Census. In addition to the information on counties and cities, the Geographic Area Series volume on Virginia gives summary statistics for places with 2,500 inhabitants or more. The 1982 Census of Retail Trade also provides summary statistics at this level of detail.

State data from both of these censuses appear in the *Statistical Abstract of the United States* and the *State and Metropolitan Area Data Book*, which were the immediate sources for several of the tables presented here.

Besides these Economic Censuses, the Bureau of the Census also publishes *Monthly Retail Trade: Sales and Inventories* as part of its Current Business Reports series. This report presents estimated monthly retail sales by kind of business, by major metropolitan areas, and by selected large states (including Virginia).

CONCEPTS

RETAIL TRADE

As defined in the *Standard Industrial Classification Manual*, retail trade includes all establishments primarily engaged in selling merchandise for personal or household consumption and rendering services incidental to the sale of goods.

WHOLESALE TRADE

As defined in the *Standard Industrial Classification Manual*, wholesale trade includes all establishments primarily engaged in selling merchandise to retailers, to other wholesalers, or to industrial, commercial, institutional, farm, or professional users.

ESTABLISHMENT

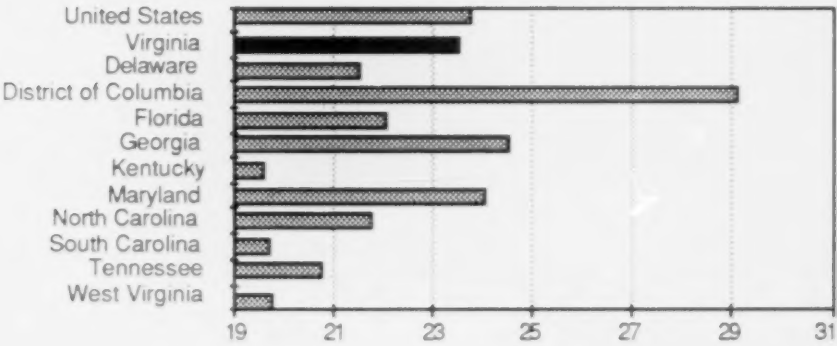
An establishment is a single location where business is conducted; there may be one or more establishments in a company or enterprise.

SALES

Sales include merchandise sold for cash or credit; receipts from leasing or rental of vehicles, equipment, instruments, or tools; receipts for delivery, installation,

maintenance, repair, storage, and other services; and gasoline, liquor, tobacco, and other excise taxes paid by the manufacturer (or wholesaler) and passed on to the wholesaler (or retailer).

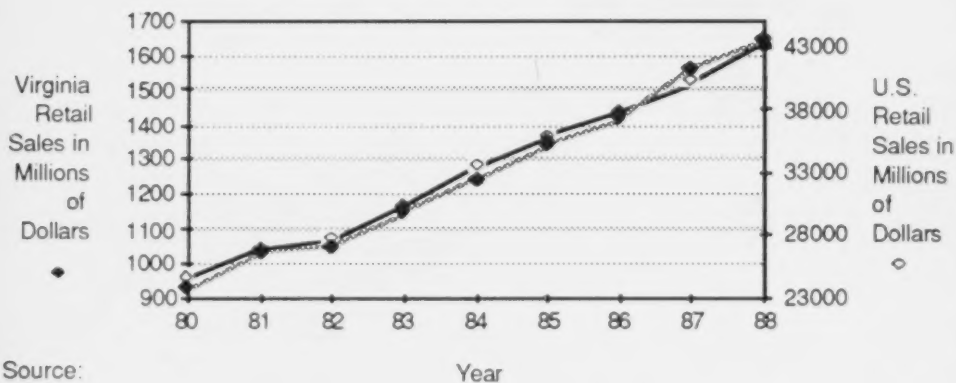
Figure 23.1
Wholesale Trade Average Annual Pay: 1985



Source: Table 23.1
Thousands of Dollars

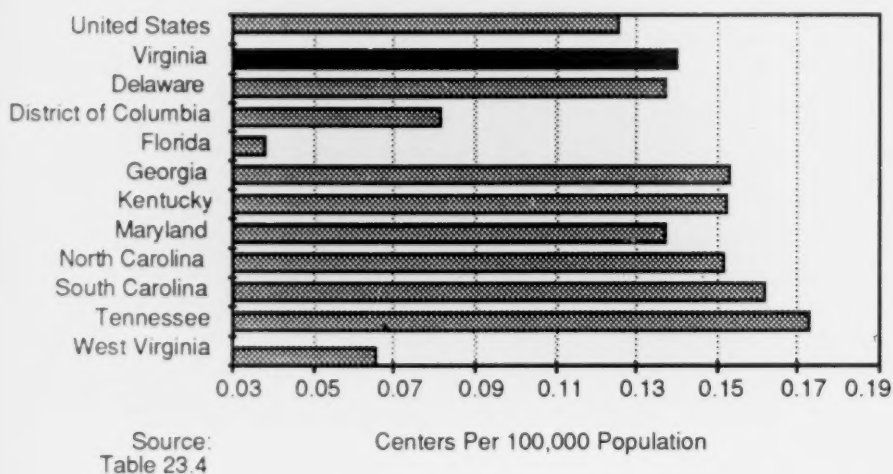


Figure 23.2
Retail Sales in the United States and Virginia: 1980–1988



Source:
 Table 23.2

Figure 23.3
Shopping Centers: 1987



Source:
 Table 23.4

Centers Per 100,000 Population

TABLE 23.1**Wholesale and Retail Trade Industry Employment and Annual Pay for the U.S., Virginia, and Surrounding States: 1983-1987**

	Wholesale & Retail Trade Employment			Wholesale Trade Average Annual Pay			Retail Trade Average Annual Pay		
	1987	1986	1985	1985	1984	1983	1985	1984	1983
United States	24,061	23,831	23,100	\$23,767	\$22,736	\$21,507	\$10,732	\$10,408	\$10,007
Virginia	610.4	580.2	547.0	23,572	22,311	21,027	10,527	10,249	9,800
Delaware	70.6	67.8	64.4	21,558	21,443	20,890	9,660	9,409	9,165
District of Columbia	62.9	62.8	62.7	29,199	27,528	26,586	11,965	11,815	11,348
Florida	1,317.7	1,239.3	1,184.8	22,100	21,252	20,141	10,809	10,429	10,115
Georgia	692.2	669.6	643.0	24,576	23,026	21,638	10,838	10,456	9,900
Kentucky	314.5	302.5	297.0	19,647	18,966	18,262	9,348	9,261	9,040
Maryland	516.7	496.6	473.5	24,109	23,012	21,508	11,370	10,774	10,208
North Carolina	642.4	607.1	576.2	21,779	20,700	19,319	10,019	9,719	9,270
South Carolina	310.4	291.8	277.4	19,732	18,850	17,885	9,406	9,160	8,816
Tennessee	474.0	450.3	435.3	20,815	20,005	19,122	10,107	9,777	9,368
West Virginia	139.3	136.7	134.5	19,760	19,160	18,304	9,564	9,432	9,223

SOURCES: U.S. Department of Commerce, Bureau of the Census. *State and Metropolitan Area Data Book 1986*. U.S. Government Printing Office, Washington, D.C., 1986; U.S. Department of Labor, Bureau of Labor Statistics. *Employment and Earnings, March and May 1988*. U.S. Government Printing Office, Washington, D.C., monthly; U.S. Department of Labor, Bureau of Labor Statistics. *News*. "Average Annual Pay by State and Industry, 1985." USDL 86-361. U.S. Government Printing Office, Washington, D.C., irregular.

NOTES: "Employment" in thousands.
 "Average Annual Pay" in dollars. Includes workers covered by Unemployment Insurance and Unemployment "Compensation for Federal Employees Programs." Data for 1985 are preliminary.

TABLE 23.2**Retail Sales by Year for the U.S., Virginia, and Surrounding States: 1980-1988**

	1988	1987	1986	1985	1984	1983	1982	1981	1980
United States	\$1,629.2	\$1,521.4	\$1,436.0	\$1,365.8	\$1,281.7	\$1,167.9	\$1,069.3	\$1,038.7	\$957.4
Virginia	43,449	41,135	37,274	35,231	32,434	29,869	27,121	26,664	23,734
Delaware	...	...	...	...	...	...	...	...	...
District of Columbia ¹	31,200	30,454	27,334	25,024	23,480	22,174	20,047	18,661	17,425
Florida	94,994	85,790	79,683	72,281	67,216	60,004	53,231	52,110	46,516
Georgia	...	...	...	...	...	...	...	...	...
Kentucky	...	...	...	...	...	...	...	...	...
Maryland	33,840	32,271	30,808	28,084	26,619	23,185	20,332	20,146	18,125
North Carolina	41,374	37,506	34,611	32,769	30,125	27,522	23,457	21,758	19,618
South Carolina	...	...	...	...	...	...	...	...	...
Tennessee	29,050	27,343	24,771	22,708	20,896	18,843	16,786	16,610	15,469
West Virginia	...	...	...	...	...	...	...	...	...

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Business Reports. *Revised Monthly Retail Sales and Inventories: January 1978 Through December 1988*. U.S. Government Printing Office, Washington, D.C., 1989.

NOTES: In millions of dollars, except U.S., in billions of dollars. Data are not adjusted for seasonal variations, holiday, or trading day differences.

¹Data are for the Washington, D.C.-MD-VA metropolitan area.



TABLE 23.3A
Retail Sales by Type of Store for the U.S.,
Virginia, and Surrounding States: 1982 and 1987

	Food Stores					
	Total		Total		Supermarkets	
	1987	1982	1987	1982	1987	1982
United States	\$1,545,097	\$1,065,918	\$321,934	\$246,458	\$302,727	\$231,000
Virginia	40,131	24,706	8,199	5,843	7,859	5,580
Delaware	4,652	3,131	871	679	797	620
District of Columbia	3,403	2,654	601	495	548	450
Florida	85,791	55,469	16,963	12,631	15,926	11,799
Georgia	39,656	24,408	8,151	5,582	7,866	5,368
Kentucky	20,622	14,572	4,331	3,665	4,160	3,506
Maryland	32,241	20,983	6,142	4,696	5,705	4,344
North Carolina	37,613	25,005	8,278	6,207	8,054	6,010
South Carolina	19,006	12,498	4,473	3,190	4,366	3,099
Tennessee	28,652	19,605	5,480	4,720	5,325	4,567
West Virginia	10,247	7,521	2,416	2,022	2,344	1,954

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In millions of dollars. Data are estimates.
 Total includes other types of stores not shown separately.

TABLE 23.3B
Retail Sales by Type of Store for the U.S., Virginia,
and Surrounding States: 1982 and 1987, Continued

	General Merchandise Stores					
	Total		Department Stores		Automotive Dealers	
	1987	1982	1987	1982	1987	1982
United States	\$180,569	\$120,528	\$150,506	\$99,185	\$338,082	\$193,896
Virginia	5,022	2,881	3,963	2,237	9,075	4,599
Delaware	650	418	564	360	1,022	525
District of Columbia	270	225	232	189	166	127
Florida	9,884	6,017	8,226	4,938	21,344	11,348
Georgia	4,746	2,764	3,868	2,200	9,176	4,628
Kentucky	2,580	1,757	2,064	1,369	4,526	2,511
Maryland	3,553	2,458	3,095	2,117	7,467	3,781
North Carolina	4,273	2,508	2,972	1,668	8,468	4,779
South Carolina	2,013	1,244	1,494	905	3,978	2,218
Tennessee	3,914	2,363	3,085	1,828	7,327	3,832
West Virginia	1,461	1,006	1,176	797	2,261	1,351

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In millions of dollars. Data are estimates.

TABLE 23.3C**Retail Sales by Type of Store for the U.S., Virginia,
and Surrounding States: 1982 and 1987, Continued**

	Eating & Drinking Places		Gasoline Service Stations		Apparel & Accessories Stores	
	1987	1982	1987	1982	1987	1982
United States	\$150,554	\$103,982	\$101,940	\$97,840	\$61,110	\$57,838
Virginia	3,435	2,152	2,656	2,451	1,873	1,245
Delaware	387	266	282	274	211	169
District of Columbia	740	563	158	185	293	241
Florida	8,442	5,619	5,402	4,883	3,675	2,766
Georgia	3,755	2,293	2,794	2,457	1,782	1,261
Kentucky	1,877	1,277	1,774	1,628	790	642
Maryland	2,904	1,944	2,104	2,037	1,639	1,126
North Carolina	3,334	2,172	2,326	2,006	1,879	1,390
South Carolina	1,751	1,114	1,367	1,250	979	692
Tennessee	2,371	1,708	2,145	2,048	1,318	989
West Virginia	721	544	863	738	392	338

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTE: In millions of dollars. Data are estimates.

TABLE 23.3D**Retail Sales by Type of Store for the U.S., Virginia,
and Surrounding States: 1982 and 1987, Continued**

	Building Materials Dealers		Furniture & Appliance Stores			
			Total		Furniture	
	1987	1982	1987	1982	1987	1982
United States	\$82,163	\$51,146	\$84,022	\$47,141	\$27,073	\$17,951
Virginia	2,012	1,083	2,497	1,168	921	499
Delaware	253	158	258	136	84	52
District of Columbia	48	40	196	132	74	58
Florida	4,143	2,661	5,307	2,767	1,758	1,061
Georgia	2,109	1,319	2,134	1,050	767	441
Kentucky	1,022	758	1,013	538	391	241
Maryland	1,560	791	1,802	951	521	335
North Carolina	2,275	1,523	2,177	1,219	903	584
South Carolina	1,143	728	1,070	585	444	278
Tennessee	1,252	900	1,557	825	585	361
West Virginia	601	455	435	291	183	140

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: In millions of dollars. Data are estimates.

"Building Materials Dealers" include hardware dealers.

"Furniture and Appliance Stores" include home furnishings stores.



TABLE 23.4
Summary Statistics for Shopping Centers
for the U.S., Virginia, and Surrounding States: 1987

	Number	Gross Leasable Area	Retail Sales	Percent Change, 1986-87		
				Number	Gross Leasable Area	Retail Sales
United States	30,641	3,723.0	\$602,294	7.5%	5.7%	8.2%
Virginia	835	110.7	17,762	9.3	8.5	10.5
Delaware	89	15.2	2,415	4.7	3.1	7.2
District of Columbia	51	6.6	1,066	4.1	...	2.9
Florida	2,369	298.4	49,474	11.2	8.9	12.2
Georgia	1,065	170.7	17,903	10.3	8.7	11.6
Kentucky	501	54.3	8,712	6.6	5.2	7.3
Maryland	624	90.8	14,453	7.8	7.7	9.7
North Carolina	976	103.5	16,935	15.6	11.8	14.5
South Carolina	555	56.3	9,258	8.2	7.1	10.1
Tennessee	787	85.5	13,735	9.2	9.5	11.2
West Virginia	125	16.2	2,548	6.8	9.5	10.9

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States, 1989*. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Gross Leasable Area" in millions of square feet.
 "Retail Sales" in millions of dollars.

TABLE 23.5
Retail Trade Establishments and Sales for the
U.S., Virginia, and Surrounding States: 1982

	All Establishments		Establishments With Payroll		Paid Employees	Annual Payroll
	Number	Sales	Number	Sales		
United States	1,923,228	\$1,065,917	1,330,316	\$1,039,029	14,467.8	\$123,619
Virginia	39,872	24,706	28,943	24,218	333.1	2,849
Delaware	5,135	3,311	3,836	3,076	42.0	352
District of Columbia	4,155	2,564	3,298	2,614	44.8	420
Florida	88,733	55,469	66,892	54,540	754.0	6,398
Georgia	44,436	24,408	32,203	23,756	331.5	2,742
Kentucky	30,600	14,572	20,078	13,922	196.2	1,555
Maryland	30,761	20,983	22,049	20,657	284.6	2,501
North Carolina	52,230	25,005	35,318	24,083	338.1	2,720
South Carolina	26,104	12,498	18,038	12,073	172.2	1,347
Tennessee	39,467	19,605	26,073	18,826	260.6	2,112
West Virginia	14,416	7,521	9,853	7,277	97.3	821

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Retail Trade. *Geographic Area Series, United States*. U.S. Government Printing Office, Washington, D.C., 1984.

NOTES: "All Establishments" exclude nonemployer direct sellers, SIC 5963.
 "Sales" and "Annual Payroll" in millions of dollars.
 "Paid Employees" in thousands.

TABLE 23.6
Retail Trade Sales by Kind of Business for the
U.S., Virginia, and Surrounding States: 1982

	Total	Building Materials	Depart- ment Stores	Grocery Stores	Auto- motive Dealers	Apparel & Accessory Stores	Furni- ture Stores	Eating & Drinking Places
United States	\$1,039,029	\$49,939	\$99,170	\$226,609	\$190,752	\$56,869	\$45,314	\$101,723
Virginia	24,218	1,066	2,251	5,517	4,541	1,227	1,135	2,111
Delaware	3,076	155	360	611	519	167	132	261
District of Columbia	2,614	38	189	444	122	240	129	560
Florida	54,540	2,619	4,938	11,648	11,240	2,732	2,704	5,540
Georgia	23,756	1,288	2,200	5,261	4,552	1,238	1,005	2,239
Kentucky	13,922	729	1,384	3,405	2,434	619	494	1,222
Maryland	20,657	777	2,104	4,278	3,743	1,115	929	1,917
North Carolina	24,083	1,482	1,668	5,864	4,673	1,356	1,156	2,095
South Carolina	12,073	709	905	3,030	2,169	677	556	1,078
Tennessee	18,826	865	1,861	4,438	3,741	960	773	1,643
West Virginia	7,277	437	795	1,917	1,322	329	274	523

SOURCE: U.S. Department of Commerce, Bureau of the Census. *State and Metropolitan Area Data Book 1986*. U.S. Government Printing Office, Washington, D.C., 1986.

NOTES: In millions of dollars.
 "Total" includes sales by other establishments, not shown separately.
 "Building Materials" include hardware, garden supply, and mobile home dealers.
 "Furniture Stores" include home furnishings and equipment stores.

TABLE 23.7
Retail Trade Statistics for the U.S., Virginia, and Surrounding States: 1977

	All Establishments	Total Sales	Paid Employees	Annual Payroll
United States	1,855.1	\$723,134	13,040.1	\$85,854
Virginia	37.2	16,535	297.1	1,961
Delaware	4.9	2,139	39.0	256
District of Columbia	4.2	2,085	47.1	342
Florida	82.3	31,413	614.5	3,714
Georgia	44.6	15,916	285.0	1,841
Kentucky	30.1	10,492	178.2	1,109
Maryland	28.3	14,377	262.0	1,803
North Carolina	50.6	16,842	293.6	1,854
South Carolina	26.9	8,350	145.8	895
Tennessee	38.5	13,710	235.2	1,480
West Virginia	14.9	5,676	89.8	602

SOURCE: U.S. Department of Commerce, Bureau of the Census. *State and Metropolitan Area Data Book 1986*. U.S. Government Printing Office, Washington, D.C., 1986.

NOTES: "All Establishments" and "Paid Employees" in thousands.
 "Total Sales" and "Annual Payroll" in millions of dollars.



TABLE 23.8
Retail Trade Establishments and Sales by Industry, Virginia: 1982

SIC Code	Kind of Business	Establishments With Payroll	Sales
---	All retail trade	28,943	\$24,217,828
52	Building materials, hardware, garden supply, and mobile home dealers	1,277	1,066,051
521	Lumber and other building materials dealers	461	743,304
523	Paint, glass, and wallpaper stores	167	48,539
525	Hardware stores	381	132,864
526	Retail nurseries, lawn and garden supply stores	150	57,113
527	Mobile home dealers	118	84,231
53	General merchandise group stores	984	2,868,401
531	Department stores, including leased departments ^a	254	2,398,519
531	Department stores, excluding leased departments ^b	254	2,250,943
531 pt.	Conventional	82	706,953
531 pt.	Discount or mass merchandising	124	780,124
531 pt.	National chain	48	763,866
533	Variety stores	314	268,233
539	Miscellaneous general merchandise stores	416	349,225
54	Food stores	4,465	5,734,626
541	Grocery stores	3,627	5,517,468
542	Meat and fish markets	160	59,446
543	Fruit stores and vegetable markets	36	7,893
544	Candy, nut and confectionery stores	97	12,650
545	Dairy product stores	229	80,145
546	Retail bakeries	206	34,985
5462	Retail bakeries—baking and selling	172	31,299
5463	Retail bakeries—selling only	34	3,686
549	Miscellaneous food stores	110	22,239
55	Automotive dealers	2,208	4,540,945
551	Motor vehicle dealers—new and used cars	643	3,741,371
552	Motor vehicle dealers—used cars only	343	165,302
553	Auto and home supply stores	993	482,692
553 pt.	Tire, battery, and accessory dealers	903	452,434
553 pt.	Other auto and home supply stores	90	30,258
554	Gasoline service stations	2,652	2,394,061
555	Boat dealers	89	56,956
556	Recreational and utility trailer dealers	45	35,333
557	Motorcycle dealers	90	57,026
559	Automotive dealers, n.e.c.	5	2,265
56	Apparel and accessory stores	2,846	1,226,867
561	Men's and boys' clothing and furnishing stores	349	171,537
562	Women's ready-to-wear stores	929	433,862
563,8	Women's accessory and specialty stores and furriers	121	25,320
564	Children's and infants' wear stores	107	22,431
565	Family clothing stores	422	309,050
566	Shoe stores	769	244,201
566 pt.	Men's shoe stores	67	15,423
566 pt.	Women's shoe stores	176	42,641
566 pt.	Children's and juveniles' shoe stores	31	6,664
566 pt.	Family shoe stores	495	179,473
569	Miscellaneous apparel and accessory stores	149	20,466
57	Furniture, home furnishings, and equipment stores	2,314	1,135,214
5712	Furniture stores	780	481,865
5713	Floor covering stores	274	115,363
5714	Drapery, curtain, and upholstery stores	88	15,238
5719	Miscellaneous home furnishing stores	229	113,155
572	Household appliance stores	245	95,951
573	Radio, television, and music stores	698	313,642
5732	Radio and television stores	473	231,033
573	Music stores	225	82,609
5733 pt.	Record shops	112	47,818
5733 pt.	Musical instrument stores	113	34,791

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TABLE 23.8
Retail Trade Establishments and Sales by Industry, Virginia: 1982, *CONTINUED*

SIC Code	Kind of Business	Establishments With Payroll	Sales
58	Eating and drinking places	6,024	2,110,558
5812	Eating places	5,755	2,069,310
5812 pt.	Restaurants and lunchrooms	2,717	912,987
5812 pt.	Cafeterias	209	73,046
5812 pt.	Refreshment places	2,458	916,377
5812 pt.	Other eating places	371	166,900
5813	Drinking places	269	41,248
591	Drug and proprietary stores	1,076	875,350
591 pt.	Drug stores	1,007	847,643
591 pt.	Proprietary stores	69	27,707
59 exc. 591	Miscellaneous retail stores	5,097	2,265,755
592	Liquor stores	289	299,265
593	Used merchandise stores	444	79,197
594	Miscellaneous shopping goods stores	2,286	686,807
5941	Sporting goods stores and bicycle shops	413	139,908
5941 pt.	General line sporting goods stores	173	76,355
5941 pt.	Specialty line sporting goods stores	240	63,553
5942	Book stores	245	76,601
5943	Stationery stores	85	24,332
5944	Jewelry stores	479	163,034
5945	Hobby, toy, and game shops	199	85,426
5946	Camera and photographic supply stores	80	30,268
5947	Gift, novelty, and souvenir shops	488	92,063
5948	Luggage and leather goods stores	42	13,845
5949	Sewing, needlework, and piece goods stores	255	61,330
596	Nonstore retailers	462	466,285
5961	Mail order houses	177	281,223
5962	Automatic merchandising machine operators	104	107,290
5963	Direct selling establishments	181	77,772
598	Fuel and ice dealers	353	524,994
5982	Fuel and ice dealers, n.e.c.	49	20,709
5983	Fuel oil dealers	206	417,526
5984	Liquefied petroleum gas (bottled gas) dealers	98	86,678
5992	Florists	511	76,750
5993	Cigar stores and stands	40	13,525
5994	News dealers and newsstands	20	2,589
5999	Miscellaneous retail stores, n.e.c.	692	116,343
5999 pt.	Optical goods stores	268	37,800
5999 pt.	Pet shops	90	13,913
5999 pt.	Typewriter stores	17	3,011
5999 pt.	Other miscellaneous retail stores, n.e.c.	317	61,619

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Retail Trade. *Geographic Area Series, United States*. U.S. Government Printing Office, Washington, D.C., 1984.

NOTES: "Sales" in thousands of dollars.

^aExcludes nonemployer direct sellers, SIC 5963. Includes sales from catalog order desks.

^bIncludes sales from catalog order desks.

n.e.c.—Not elsewhere classified.



TABLE 23.9A
Retail Sales Summary Statistics for Virginia's Counties and Cities: 1982

	All Establishments		Establishments With Payroll			
	Number	Sales	Number	Sales	Annual Payroll	Paid Employees
Virginia	39,872	\$24,706,372	28,943	\$24,217,828	\$2,848,646	333,117
Counties						
Accomack	320	102,321	187	94,038	10,919	1,275
Albemarle	260	154,192	201	151,528	16,793	2,267
Alleghany	13	743	7	(C)	(C)	(C)
Amelia	48	16,454	32	15,423	1,412	214
Amherst	168	90,081	123	87,447	8,775	1,066
Appomattox	89	37,339	45	35,163	3,361	445
Arlington	967	832,535	729	823,919	112,319	10,175
Augusta	288	143,151	175	137,036	14,289	1,681
Bath	56	9,245	37	7,842	930	123
Bedford	93	18,293	55	15,839	1,599	220
Bland	33	6,259	19	5,186	415	54
Botetourt	153	50,158	84	47,360	3,751	494
Brunswick	116	28,679	67	25,919	2,657	377
Buchanan	236	103,931	135	94,215	10,085	1,182
Buckingham	71	17,364	40	15,391	1,294	173
Campbell	255	95,679	159	90,499	9,784	1,264
Caroline	112	35,983	71	33,664	3,393	386
Carroll	174	44,966	85	38,168	3,630	496
Charles City	16	2,163	6	1,552	175	32
Charlotte	111	17,311	54	13,075	1,175	187
Chesterfield	905	689,965	675	682,258	78,150	9,492
Clarke	144	22,987	60	19,529	2,085	266
Craig	20	4,513	11	3,549	252	42
Culpeper	179	78,514	125	76,772	8,647	967
Cumberland	43	14,436	31	13,952	1,713	227
Dickenson	144	55,766	85	49,786	4,556	524
Dinwiddie	66	23,651	38	21,798	1,694	240
Essex	108	55,319	72	53,382	6,133	747
Fairfax	3,609	3,329,480	2,660	3,302,145	393,970	41,660
Fauquier	260	124,736	185	120,761	14,142	1,557
Floyd	84	23,922	50	21,963	1,828	240
Fluvanna	57	17,770	28	16,063	1,517	174
Franklin	237	71,930	137	65,797	7,107	862
Frederick	151	71,319	97	68,735	6,040	638
Giles	147	69,622	92	66,445	6,216	708
Gloucester	193	82,227	108	79,792	7,370	928
Goochland	70	23,024	51	22,314	2,157	279
Grayson	101	21,577	44	16,583	1,630	220
Greene	56	15,787	27	13,968	1,050	146
Greensville	7	2,128	4	(C)	(C)	(C)
Halifax	122	20,589	51	15,855	1,746	247
Hanover	361	207,866	236	204,133	21,427	2,613
Henrico	1,236	1,063,072	942	1,053,874	123,069	14,841
Henry	371	125,501	202	115,323	11,874	1,489
Highland	28	4,414	14	3,466	255	41
Isle of Wight	138	50,710	96	49,533	5,365	714
James City	80	85,944	66	85,233	12,529	1,399
King and Queen	30	4,913	13	3,497	279	51
King George	62	15,705	36	14,721	1,551	209
King William	86	38,767	55	37,388	3,299	350
Lancaster	158	48,035	101	45,413	4,817	558
Lee	174	46,963	109	42,256	3,918	479
Loudoun	487	260,928	316	253,827	29,538	2,994

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TABLE 23.9A

Retail Sales Summary Statistics for Virginia's
Counties and Cities: 1982, *CONTINUED*

	All Establishments		Establishments With Payroll			
	Number	Sales	Number	Sales	Annual Payroll	Paid Employees
Louisa	119	35,531	68	33,601	3,451	400
Lunenburg	98	26,465	73	25,494	2,627	376
Madison	69	23,210	45	22,447	1,830	262
Mathews	68	18,677	44	17,365	1,513	218
Mecklenburg	318	113,490	208	107,277	10,983	1,475
Middlesex	99	21,762	61	20,252	2,399	346
Montgomery	471	260,493	355	256,062	28,919	4,042
Nelson	107	30,216	59	26,662	2,425	328
New Kent	52	17,892	34	16,959	2,021	235
Northampton	153	44,471	94	40,639	4,092	515
Northumberland	75	28,325	48	27,190	2,309	246
Nottoway	139	47,855	103	47,132	4,866	670
Orange	155	60,355	90	57,175	5,625	633
Page	157	57,636	113	54,259	6,249	695
Patrick	135	28,352	63	23,676	2,458	275
Pittsylvania	353	90,161	187	79,460	7,837	1,078
Powhatan	41	18,249	26	17,535	1,363	140
Prince Edward	170	75,420	121	73,056	8,023	1,066
Prince George	60	36,557	38	35,123	6,050	713
Prince William	834	656,944	601	649,150	70,777	8,120
Pulaski	204	96,925	133	93,819	9,160	1,144
Rappahannock	55	6,566	27	5,746	740	96
Richmond	70	25,814	49	24,999	2,768	347
Roanoke	435	238,306	297	233,213	26,889	3,497
Rockbridge	146	65,331	83	60,238	5,172	637
Rockingham	383	99,364	218	89,873	10,764	1,442
Russell	167	63,097	105	57,334	5,634	691
Scott	191	82,229	110	77,405	6,121	705
Shenandoah	274	96,948	179	92,207	10,082	1,243
Smyth	282	104,479	167	98,104	98,875	1,282
Southampton	126	32,456	76	30,161	2,993	400
Spotsylvania	186	164,558	160	162,615	18,276	2,250
Stafford	189	98,836	105	95,092	10,353	1,246
Surry	29	6,810	15	6,302	896	133
Sussex	96	38,562	68	36,056	3,478	465
Tazewell	425	246,762	306	239,381	23,800	2,800
Warren	202	81,095	142	78,607	9,126	1,090
Washington	224	105,343	148	100,904	10,477	1,371
Westmoreland	118	34,846	67	32,610	3,514	445
Wise	313	159,118	221	153,334	14,845	1,753
Wythe	210	115,208	141	11,384	11,275	1,437
York	187	78,537	145	77,726	11,177	1,590
Cities						
Alexandria	896	790,334	683	783,406	103,869	10,382
Bedford	149	61,051	118	60,102	7,419	890
Bristol	329	186,745	243	182,276	20,380	2,565
Buena Vista	62	21,480	49	20,822	2,556	356
Charlottesville	601	409,702	490	404,572	50,319	5,983
Chesapeake	655	424,507	453	418,865	43,304	5,284
Clifton Forge	50	22,124	40	21,544	2,246	262
Colonial Heights	118	70,372	94	69,579	8,232	1,104
Covington	148	85,084	115	83,038	9,302	1,155
Danville	518	304,608	389	299,572	37,076	4,361
Emporia	130	62,594	109	61,901	6,677	883
Fairfax	369	467,619	319	465,677	52,478	5,601

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TABLE 23.9A
Retail Sales Summary Statistics for Virginia's
Counties and Cities: 1982, *CONTINUED*

	All Establishments		Establishments With Payroll			
	Number	Sales	Number	Sales	Annual Payroll	Paid Employees
Falls Church	147	190,410	123	189,694	22,231	2,017
Franklin	105	44,567	89	43,973	5,722	754
Fredericksburg	402	227,952	287	223,529	26,814	3,245
Galax	140	66,161	104	63,976	7,207	692
Hampton	829	723,726	672	719,767	78,420	9,310
Harrisonburg	329	210,220	270	206,721	24,595	3,291
Hopewell	159	100,120	122	98,539	12,161	1,499
Lexington	130	56,342	106	54,589	6,781	927
Lynchburg	710	481,183	562	476,264	58,180	7,457
Manassas	187	189,337	137	(C)	(C)	(C)
Manassas Park	18	11,731	14	(C)	(C)	(C)
Martinsville	251	146,273	187	143,761	17,365	2,036
Newport News	969	692,040	794	686,222	77,564	9,161
Norfolk	1,696	1,210,315	1,452	1,201,987	156,986	19,904
Norton	88	72,796	72	71,426	7,562	850
Petersburg	415	265,741	333	262,517	31,144	3,793
Poquoson	51	17,882	25	17,167	1,626	244
Portsmouth	643	416,078	519	412,348	49,483	6,077
Radford	125	63,163	103	61,618	7,681	959
Richmond	1,928	1,305,566	1,560	1,291,467	166,539	19,181
Roanoke	1,017	641,354	805	633,145	86,119	10,413
Salem	240	174,603	194	172,773	18,995	2,207
South Boston	199	85,925	141	82,939	10,041	1,198
Staunton	253	137,931	205	136,385	17,516	2,072
Suffolk	330	202,959	229	200,590	18,735	2,152
Virginia Beach	1,939	1,263,086	1,549	1,249,579	151,355	18,927
Waynesboro	189	106,843	142	105,527	12,861	1,552
Williamsburg	272	172,730	214	171,511	25,943	2,964
Winchester	408	211,040	310	206,702	27,638	3,160
MSAs						
Bristol (Va. portion)	744	374,317	501	360,585	36,978	4,641
Charlottesville	974	597,451	746	586,131	69,679	8,570
Danville	871	394,769	576	379,032	44,913	5,439
Lynchburg	1,133	666,943	844	654,210	76,739	9,787
Norfolk	7,844	5,370,031	6,226	5,320,787	634,492	77,940
Northern Virginia	7,703	6,828,154	5,687	6,562,910	795,535	82,195
Richmond	5,427	3,824,238	4,155	3,777,648	454,182	54,162
Roanoke	1,845	1,104,421	1,380	1,086,491	135,754	16,611
Planning Districts						
LENOWISCO	766	361,106	512	344,421	32,446	3,787
Cumberland Plateau	972	469,556	631	440,716	44,075	5,197
Mount Rogers	1,493	650,738	951	516,581	153,889	8,117
New River Valley	1,031	514,125	733	499,907	53,804	7,093
Fifth	2,076	1,216,885	1,553	1,194,622	147,554	18,070
Central Shenandoah	1,864	854,321	1,299	822,499	95,719	12,122
Lord Fairfax	1,336	541,025	901	520,039	61,220	7,092
Northern Virginia	7,514	6,729,318	5,582	6,467,818	785,182	80,949
Rappahannock-Rapidan	718	293,381	472	282,901	30,984	3,515
Thomas Jefferson	1,200	663,198	873	646,394	75,555	9,298
Central Virginia	1,464	783,626	1,062	765,314	89,118	11,342
West Piedmont	1,865	766,825	1,165	727,589	83,717	10,101
Southside	755	248,683	467	231,990	25,427	3,297
Piedmont	680	215,305	454	203,523	21,110	2,913
Richmond Regional	4,690	3,327,797	3,530	3,290,092	394,901	46,813

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TABLE 23.9A
Retail Sales Summary Statistics for Virginia's
Counties and Cities: 1982, *CONTINUED*

	All Establishments		Establishments With Payroll			
	Number	Sales	Number	Sales	Annual Payroll	Paid Employees
RADCO	951	543,034	659	529,621	60,387	7,336
Northern Neck	421	137,020	265	130,212	13,408	1,596
Middle Peninsula	584	221,665	353	211,676	20,993	2,640
Crater	1,080	606,535	821	591,815	70,332	8,830
Southeastern Virginia	5,632	3,644,678	4,463	3,607,036	433,943	54,212
Peninsula	2,388	1,770,859	1,916	1,757,626	207,259	24,668
Accomack-Norhampton	473	146,792	281	134,677	15,011	1,790

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Retail Trade. *Geographic Area Series, Virginia*. U.S. Government Printing Office, Washington, D.C., 1984.

NOTES: "Sales" and "Annual Payroll" in thousands of dollars.
 "Paid Employees" for the week of March 12, 1982.
 C—Withheld to avoid disclosing data for individual companies; data are included in broader kind of business totals.
 A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
 A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 23.9B
Retail Sales Summary Statistics for Virginia's
Counties and Cities: 1982, Continued

	Kind of Business							
	Building Materials		General Merchandise		Food Stores		Automotive Dealers	
	Number	Sales	Number	Sales	Number	Sales	Number	Sales
Virginia	1,277	\$1,066,051	984	\$2,868,401	4,465	\$5,734,626	2,208	\$4,540,945
Counties								
Accomack	9	2,558	11	7,301	40	34,140	11	8,844
Albemarle	9	(C)	8	33,143	40	29,612	5	(C)
Alleghany	...	...	1	(C)	3	(C)	...	...
Amelia	...	...	3	(C)	7	4,119	3	2,881
Amherst	8	(C)	5	(C)	32	31,524	12	15,711
Appomattox	2	(C)	3	(C)	8	9,359	6	10,072
Arlington	19	(C)	10	63,917	99	(C)	36	(C)
Augusta	17	16,208	6	3,202	34	28,642	17	45,731
Bath	...	...	4	440	5	2,663	1	(C)
Bedford	6	3,857	...	...	16	6,280	5	1,144
Bland	1	(C)	...	...	5	1,455	3	(C)
Botetourt	5	1,954	2	(C)	21	7,265	5	(C)
Brunswick	3	1,246	7	1,151	24	10,866	8	6,152
Buchanan	6	4,317	13	12,174	15	16,570	15	14,594
Buckingham	...	...	6	1,681	8	5,559	5	2,109
Campbell	13	7,195	7	3,958	30	33,409	17	17,466
Caroline	4	414	1	(C)	18	11,231	9	6,016
Carroll	4	(C)	7	4,332	13	11,537	10	4,634

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TABLE 23.9B
Retail Sales Summary Statistics for Virginia's
Counties and Cities: 1982, *CONTINUED*

	Kind of Business							
	Building Materials		General Merchandise		Food Stores		Automotive Dealers	
	Number	Sales	Number	Sales	Number	Sales	Number	Sales
Charles City	...	...	...	...	2	(C)	...	...
Charlotte	2	(C)	5	842	17	6,077	4	(C)
Chesterfield	44	43,277	17	119,949	96	176,893	48	87,213
Clarke	3	(C)	3	(C)	8	6,330	1	(C)
Craig	...	...	...	...	4	1,756	...	...
Culpeper	10	3,066	7	10,023	23	25,178	11	10,238
Cumberland	3	(C)	1	(C)	8	5,754	1	(C)
Dickenson	3	(C)	9	2,908	15	17,579	10	12,571
Dinwiddie	3	(C)	...	...	16	10,802	...	...
Essex	5	(C)	3	(C)	12	15,623	10	6,467
Fairfax	97	104,862	43	459,899	305	707,924	129	592,112
Fauquier	15	7,083	4	1,383	36	38,134	11	15,701
Floyd	3	1,348	6	892	10	6,012	7	8,325
Fluvanna	3	(C)	...	...	10	6,053	5	2,836
Franklin	6	4,098	11	2,374	32	25,037	13	9,413
Frederick	5	10,655	3	(C)	26	18,976	10	17,504
Giles	4	4,809	8	4,328	25	27,395	9	15,613
Gloucester	11	4,591	4	6,686	18	32,662	11	13,137
Goochland	1	(C)	2	(C)	9	(C)	7	(C)
Grayson	1	(C)	3	(C)	11	7,401	6	3,525
Greene	...	...	4	(C)	10	4,855	3	(C)
Greensville	...	...	...	...	2	(C)	...	...
Halifax	5	2,088	3	897	10	5,397	4	1,304
Hanover	13	8,147	5	4,648	41	49,890	20	17,948
Henrico	28	27,896	27	190,836	117	236,825	70	195,818
Henry	14	9,627	7	3,063	41	39,068	15	17,894
Highland	...	...	1	(C)	1	(C)	1	(C)
Isle of Wight	10	2,773	6	2,170	18	21,313	5	8,275
James City	1	(C)	...	...	18	(C)	2	(C)
King and Queen	1	(C)	1	(C)	5	1,762	2	(C)
King George	2	(C)	1	(C)	8	4,278	4	3,278
King William	2	(C)	3	659	11	12,188	6	9,209
Lancaster	4	3,954	8	1,825	14	15,951	12	10,352
Lee	8	3,600	9	3,667	28	17,425	11	5,847
Loudoun	22	21,633	9	(C)	43	93,780	27	35,798
Louisa	5	2,376	5	1,826	18	15,416	6	3,264
Lunenburg	3	(C)	9	1,892	13	9,644	9	2,900
Madison	3	(C)	3	(C)	13	9,538	3	(C)
Mathews	3	1,509	2	(C)	10	8,080	6	1,782
Mecklenburg	13	4,734	16	6,981	33	32,400	23	18,841
Middlesex	6	2,068	5	678	14	8,233	6	1,323
Montgomery	17	12,137	17	30,748	47	61,962	35	49,998
Nelson	2	(C)	5	295	18	4,467	4	(C)
New Kent	2	(C)	1	(C)	9	5,627	4	(C)
Northampton	6	2,769	7	2,630	14	17,966	9	2,306
Northumberland	5	2,125	4	(C)	16	11,117	5	1,694
Nottoway	4	(C)	6	1,756	19	13,952	10	9,029
Orange	4	2,810	10	3,136	11	14,521	15	13,364
Page	3	(C)	6	3,476	22	16,999	9	6,839
Patrick	1	(C)	9	4,563	16	8,719	4	2,680
Pittsylvania	7	9,801	17	3,873	49	27,351	12	12,129
Powhatan	1	(C)	1	(C)	10	5,838	5	7,364

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TABLE 23.9B

Retail Sales Summary Statistics for Virginia's
Counties and Cities: 1982, *CONTINUED*

	Kind of Business							
	Building Materials		General Merchandise		Food Stores		Automotive Dealers	
	Number	Sales	Number	Sales	Number	Sales	Number	Sales
Prince Edward	10	4,815	8	8,999	18	19,162	8	13,162
Prince George	1	(C)	2	(C)	7	7,999	4	(C)
Prince William	26	48,943	13	57,828	96	144,481	48	136,568
Pulaski	7	6,195	4	7,792	25	30,879	9	15,084
Rappahannock	1	(C)	2	(C)	9	1,542	...	...
Richmond	...	...	5	1,290	12	11,805	8	2,824
Roanoke	19	8,516	6	(C)	52	77,168	14	(C)
Rockbridge	7	4,559	2	(C)	18	9,320	9	7,121
Rockingham	16	15,626	8	4,698	40	25,665	17	16,127
Russell	6	4,663	6	3,243	24	21,883	11	9,873
Scott	9	(C)	5	1,243	30	26,198	9	22,176
Shenandoah	9	5,201	7	1,633	41	29,000	14	11,993
Smyth	9	9,680	10	8,144	21	26,193	21	15,710
Southampton	5	853	6	743	21	7,932	6	8,247
Spotsylvania	3	(C)	8	42,480	27	37,347	13	34,757
Stafford	13	10,166	3	(C)	28	34,644	7	11,683
Surry	...	...	1	(C)	4	3,629	2	(C)
Sussex	2	(C)	5	1,088	17	13,065	5	5,012
Tazewell	20	17,800	20	21,023	62	83,521	28	53,357
Warren	9	4,260	4	(C)	31	28,997	8	9,722
Washington	13	7,452	7	6,926	22	34,618	7	12,689
Westmoreland	2	(C)	4	1,552	17	13,472	7	7,970
Wise	13	10,898	12	10,066	42	61,638	27	21,882
Wythe	4	2,814	9	6,628	19	23,903	14	17,190
York	5	(C)	2	(C)	19	16,884	12	5,314
Cities								
Alexandria	21	17,651	10	130,762	72	125,940	39	210,796
Bedford	6	3,276	8	6,988	26	23,118	12	8,937
Bristol	9	(C)	9	34,387	37	31,652	19	35,785
Buena Vista	2	(C)	5	1,167	8	6,991	1	(C)
Charlottesville	15	19,377	11	36,235	74	101,933	32	59,033
Chesapeake	24	31,915	9	48,135	79	106,504	40	88,044
Clifton Forge	4	513	4	1,589	3	(C)	3	(C)
Colonial Heights	2	(C)	3	(C)	10	13,329	9	(C)
Covington	10	6,195	8	8,326	13	19,501	9	17,819
Danville	15	10,181	13	30,554	60	79,703	45	61,759
Emporia	6	1,271	3	2,920	14	15,718	11	8,774
Fairfax	17	19,929	7	84,289	29	66,020	23	124,985
Falls Church	6	2,472	3	37,243	13	23,131	6	64,222
Franklin	6	1,824	7	5,298	12	10,812	7	4,867
Fredericksburg	13	11,468	7	22,710	30	40,529	17	29,742
Galax	6	2,655	5	7,566	10	18,387	17	9,568
Hampton	15	9,781	18	102,878	99	135,819	49	108,552
Harrisonburg	14	5,905	10	38,522	28	50,826	25	28,092
Hopewell	5	7,122	5	12,170	20	28,524	7	8,712
Lexington	6	2,469	6	4,151	11	16,508	6	6,640
Lynchburg	25	20,123	14	92,614	86	92,800	37	69,622
Manassas	4	(C)	5	(C)	17	44,388	18	63,015
Manassas Park	...	...	...	...	2	(C)	1	(C)
Marlinsville	7	2,274	10	23,795	21	34,664	20	22,571
Newport News	32	44,712	17	89,666	122	134,077	65	172,124
Norfolk	38	36,277	35	157,211	187	220,406	101	235,398
Norton	9	7,784	4	8,631	9	(C)	5	19,264

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TABLE 23.9B
Retail Sales Summary Statistics for Virginia's
Counties and Cities: 1982, *CONTINUED*

	Kind of Business							
	Building Materials		General Merchandise		Food Stores		Automotive Dealers	
	Number	Sales	Number	Sales	Number	Sales	Number	Sales
Petersburg	14	9,875	10	54,685	39	38,874	35	58,381
Poquoson	1	(C)	1	(C)	7	(C)	2	(C)
Portsmouth	14	17,383	17	47,566	75	100,898	49	90,918
Radford	6	(C)	2	(C)	17	14,267	7	15,599
Richmond	39	36,281	19	98,079	222	296,141	102	257,387
Roanoke	33	23,447	25	103,477	131	133,433	59	106,047
Salem	11	7,823	5	12,540	25	47,819	22	42,692
South Boston	8	5,682	10	12,893	18	23,801	13	10,809
Staunton	15	6,140	12	24,144	18	40,662	13	13,951
Suffolk	16	(C)	8	(C)	39	51,593	21	(C)
Virginia Beach	51	57,891	30	163,770	191	255,052	93	240,631
Waynesboro	8	4,920	6	11,639	15	26,610	19	20,229
Williamsburg	5	2,934	3	(C)	35	46,156	10	23,138
Winchester	10	7,438	11	29,817	39	47,981	23	39,271
MSAs								
Bristol (Va. portion)	31	7,452	21	42,556	89	92,468	35	70,650
Charlottesville	27	19,377	23	69,378	134	142,453	45	61,869
Danville	22	19,982	30	34,427	109	107,054	57	73,888
Lynchburg	46	27,318	26	96,572	148	157,733	66	102,799
Norfolk	213	205,484	144	615,912	889	1,100,051	455	977,256
Northern Virginia	225	225,656	103	833,938	704	1,240,308	334	1,239,179
Richmond	153	132,598	92	480,367	598	872,742	311	632,823
Roanoke	68	41,740	38	116,017	229	265,685	100	148,739
Planning Districts								
LENOWISCO	39	22,282	30	23,607	109	105,261	52	69,169
Cumberland Plateau	35	26,780	48	39,348	116	139,553	64	90,395
Mount Rogers	47	22,601	50	67,983	138	155,146	97	99,101
New River Valley	37	24,489	37	43,760	124	140,515	67	104,619
Fifth	82	48,448	51	125,932	252	286,942	112	166,558
Central Shenandoah	85	55,827	60	87,963	178	207,887	109	137,891
Lord Fairfax	39	27,554	34	34,926	167	148,283	65	85,329
Northern Virginia	212	215,490	100	833,938	676	1,205,664	327	1,227,496
Rappahannock-Rapidan	33	12,959	26	14,542	92	88,913	40	39,303
Thomas Jefferson	34	21,753	33	71,499	170	162,336	55	65,133
Central Virginia	60	34,451	37	103,560	198	196,490	89	122,952
West Piedmont	50	35,981	67	68,222	219	214,542	109	126,446
Southside	29	13,750	36	21,922	85	72,464	48	37,106
Piedmont	22	4,815	38	15,170	90	64,267	40	30,081
Richmond Regional	128	115,601	72	413,512	506	773,214	256	565,730
RADCO	35	22,048	20	65,190	111	128,029	50	85,476
Northern Neck	11	6,079	21	4,667	59	52,345	32	22,840

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TABLE 23.9B
Retail Sales Summary Statistics for Virginia's
Counties and Cities: 1982, *CONTINUED*

	Kind of Business							
	Building Materials		General Merchandise		Food Stores		Automotive Dealers	
	Number	Sales	Number	Sales	Number	Sales	Number	Sales
Middle Peninsula	28	8,168	18	8,023	70	78,548	41	31,918
Crater	33	18,268	29	70,863	129	131,940	73	80,879
Southeastern Virginia	164	148,916	118	424,893	622	774,510	322	676,380
Peninsula	59	57,427	41	192,544	300	332,936	140	309,128
Accomack-Norhampton	15	5,327	18	9,931	54	52,106	20	11,150

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Retail Trade. *Geographic Area Series, Virginia*. U.S. Government Printing Office, Washington, D.C., 1984.

NOTES: "Building Materials" include hardware, garden supply, and mobile home dealers.

"Sales" in thousands of dollars.

C—Withheld to avoid disclosing data for individual companies; data are included in broader kind of business totals.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 23.9C
Retail Sales Summary Statistics for Virginia's
Counties and Cities: 1982, Continued

	KIND OF BUSINESS					
	Gasoline Service Stations		Apparel & Accessory Stores		Furniture Stores	
	Number	Sales	Number	Sales	Number	Sales
Virginia	2,652	2,394,061	2,846	1,226,867	2,314	1,135,214
Counties						
Accomack	17	6,370	12	3,183	11	2,669
Albemarle	17	13,974	37	(C)	15	4,367
Alleghany	...	...	...	...	...	...
Amelia	5	5,518	1	(C)	1	(C)
Amherst	16	13,756	5	(C)	4	(C)
Appomattox	6	4,877	1	(C)	2	(C)
Arlington	66	(C)	45	19,428	73	(C)
Augusta	25	17,658	10	2,308	5	817
Bath	4	(C)	4	989	4	637
Bedford	4	(C)	...	...	4	749
Bland	5	822	1	(C)	...	...
Botetourt	17	(C)	4	579	3	806
Brunswick	5	1,468	5	1,367	1	(C)
Buchanan	17	8,363	18	3,782	10	5,985
Buckingham	7	3,495	1	(C)	...	...
Campbell	24	8,309	6	1,460	12	3,416
Caroline	15	8,906	1	(C)	3	(C)

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TABLE 23.9C
Retail Sales Summary Statistics for Virginia's
Counties and Cities: 1982, *CONTINUED*

KIND OF BUSINESS

	Gasoline Service Stations		Apparel & Accessory Stores		Furniture Stores	
	Number	Sales	Number	Sales	Number	Sales
Carroll	12	5,290	7	3,214	5	914
Charles City	2	(C)	...	...	...	...
Charlotte	6	1,870	4	418	2	(C)
Chesterfield	61	60,292	87	39,031	58	25,870
Clarke	9	3,769	4	235	5	396
Craig	1	(C)	...	...	...	...
Culpeper	12	7,795	11	2,526	9	3,729
Cumberland	4	1,951	2	(C)	4	921
Dickenson	9	3,366	5	424	7	1,209
Dinwiddie	7	5,507	1	(C)	...	...
Essex	6	2,646	10	2,503	4	2,443
Fairfax	272	324,332	348	248,942	293	201,767
Fauquier	19	16,723	14	3,867	9	1,612
Floyd	3	(C)	1	(C)	5	1,927
Fluvanna	4	(C)	1	(C)	...	...
Franklin	10	4,143	8	3,945	11	2,285
Frederick	13	10,898	3	(C)	8	2,000
Giles	8	3,027	5	1,072	8	2,201
Gloucester	7	3,309	6	1,139	7	2,023
Goochland	7	6,148	1	(C)	4	(C)
Grayson	5	482	1	(C)	4	(C)
Greene	2	(C)	1	(C)	...	...
Greensville	1	(C)	...	...	...	...
Halifax	8	3,671	...	...	1	(C)
Hanover	43	73,410	9	(C)	13	3,567
Henrico	85	89,882	111	63,383	85	47,598
Henry	36	16,570	12	4,012	13	2,667
Highland	3	(C)	...	...	2	(C)
Isle of Wight	10	3,413	4	784	5	579
James City	5	(C)	6	(C)	5	(C)
King and Queen	1	(C)	...	...	...	...
King George	6	2,420	...	...	1	(C)
King William	8	7,283	3	(C)	6	1,758
Lancaster	14	2,826	10	1,900	7	2,447
Lee	8	3,489	7	1,024	6	730
Loudoun	33	23,040	33	9,950	25	10,426
Louisa	11	6,605	1	(C)	4	579
Lunenburg	7	3,413	5	554	5	670
Madison	8	3,398	1	(C)	...	...
Mathews	4	2,190	3	(C)	3	543
Mecklenburg	22	14,496	20	5,699	14	3,268
Middlesex	3	1,721	3	248	3	841
Montgomery	31	29,214	29	8,770	31	8,552
Nelson	7	3,140	2	(C)	2	...
New Kent	8	4,224	...	...	...	(C)
Northampton	14	4,206	5	718	3	511
Northumberland	5	1,813	1	(C)	...	...
Nottoway	11	4,044	8	1,988	7	3,344
Orange	12	10,673	4	1,546	3	(C)
Page	10	4,253	2	(C)	8	1,565
Patrick	5	2,006	2	(C)	5	(C)
Pittsylvania	20	6,570	10	1,814	8	1,220
Powhatan	3	(C)	...	...	1	(C)

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TABLE 23.9C
Retail Sales Summary Statistics for Virginia's
Counties and Cities: 1982, CONTINUED

	KIND OF BUSINESS					
	Gasoline Service Stations		Apparel & Accessory Stores		Furniture Stores	
	Number	Sales	Number	Sales	Number	Sales
Prince Edward	10	4,797	9	(C)	11	4,868
Prince George	8	5,396	1	(C)	1	(C)
Prince William	65	89,487	50	26,625	55	29,995
Pulaski	14	12,458	13	2,480	7	2,251
Rappahannock	4	834	...	...	2	(C)
Richmond	3	(C)	5	809	6	1,707
Roanoke	27	33,317	43	18,446	28	14,515
Rockbridge	23	33,127	...	...	4	(C)
Rockingham	23	6,339	13	2,555	16	2,221
Russell	10	4,904	5	1,087	11	3,861
Scott	10	9,037	5	974	5	2,054
Shenandoah	30	22,747	10	3,038	10	1,974
Smyth	18	8,160	13	4,223	12	2,660
Southampton	10	5,788	1	(C)	4	1,028
Spotsylvania	16	15,748	26	6,499	5	3,742
Stafford	13	18,045	1	...	4	(C)
Surry	1	(C)	...	(C)	1	(C)
Sussex	8	2,488	2	(C)	5	(C)
Tazewell	23	13,828	31	6,292	21	7,338
Warren	16	10,282	12	3,663	9	2,317
Washington	15	9,816	18	3,506	9	5,768
Westmoreland	5	2,471	2	(C)	2	(C)
Wise	19	15,051	16	3,957	15	2,621
Wythe	19	33,538	12	4,582	7	2,502
York	14	13,206	7	(C)	11	3,770
Cities						
Alexandria	52	53,924	63	31,072	60	37,714
Bedford	13	5,372	5	1,132	4	1,261
Bristol	16	14,549	32	15,317	24	7,511
Buena Vista	7	3,720	2	(C)	2	(C)
Charlottesville	36	29,995	42	19,536	49	24,041
Chesapeake	38	62,478	47	11,363	28	9,574
Clifton Forge	4	(C)	3	220	4	333
Colonial Heights	14	11,126	7	(C)	6	(C)
Covington	9	7,639	14	6,001	9	3,032
Danville	38	21,374	38	28,931	30	11,427
Emporia	14	13,853	11	3,231	10	3,125
Fairfax	30	33,775	40	17,759	41	31,190
Falls Church	14	10,625	13	18,617	21	7,847
Franklin	4	2,097	13	3,953	10	2,733
Fredericksburg	24	29,118	39	10,138	24	12,575
Galax	6	6,173	12	3,125	9	3,670
Hampton	47	41,588	96	43,896	57	31,074
Harrisonburg	17	16,752	27	8,720	32	12,455
Hopewell	9	9,591	15	7,040	13	4,094
Lexington	9	7,412	8	1,382	9	2,058
Lynchburg	37	41,022	75	25,624	46	21,324
Manassas	13	15,011	5	2,407	13	4,919
Manassas Park	2	(C)	...	...	2	(C)
Martinsville	12	7,938	28	7,036	21	6,787
Newport News	54	62,928	86	36,432	63	18,178
Norfolk	90	93,595	156	87,791	121	67,914
Norton	4	3,873	11	3,944	2	(C)

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TABLE 23.9C
Retail Sales Summary Statistics for Virginia's
Counties and Cities: 1982, *CONTINUED*

	KIND OF BUSINESS					
	Gasoline Service Stations		Apparel & Accessory Stores		Furniture Stores	
	Number	Sales	Number	Sales	Number	Sales
Petersburg	31	27,750	41	14,170	24	12,261
Poquoson	1	(C)	1	(C)	1	(C)
Portsmouth	35	31,703	67	30,801	32	15,194
Radford	4	(C)	14	3,857	11	3,623
Richmond	116	103,317	159	57,019	117	53,401
Roanoke	62	49,586	83	34,145	59	31,542
Salem	15	11,341	16	3,858	15	6,135
South Boston	12	6,848	12	2,746	15	5,083
Staunton	14	11,055	20	5,238	17	6,506
Suffolk	20	16,794	20	(C)	16	6,678
Virginia Beach	110	114,161	193	64,556	121	80,781
Waynesboro	12	11,462	14	4,216	14	5,002
Williamsburg	13	14,992	21	13,075	18	(C)
Winchester	19	11,122	40	11,570	26	10,329
MSAs						
Bristol (Va. portion)	41	33,402	55	19,797	38	15,333
Charlottesville	59	43,969	81	19,536	64	28,408
Danville	58	27,944	48	30,745	38	12,647
Lynchburg	77	63,087	86	27,084	62	24,740
Norfolk	434	454,754	706	289,053	480	235,186
Northern Virginia	560	568,239	598	374,800	587	323,858
Richmond	394	396,643	432	180,643	322	146,791
Roanoke	121	94,244	146	57,028	105	52,998
Planning Districts						
LENOWISCO	41	31,450	39	9,899	28	5,405
Cumberland Plateau	59	30,461	59	11,585	49	18,393
Mount Rogers	96	78,830	96	33,967	70	23,025
New River Valley	60	44,699	62	16,179	62	18,554
Fifth	135	101,883	163	63,249	118	56,363
Central Shenandoah	137	107,525	98	25,408	105	29,696
Lord Fairfax	97	63,071	71	18,506	66	18,581
Northern Virginia	547	550,194	597	374,800	583	323,858
Rappahannock-Rapidan	55	39,423	30	7,939	23	5,341
Thomas Jefferson	77	53,714	84	19,536	70	28,987
Central Virginia	100	73,336	92	28,216	72	26,750
West Piedmont	121	58,601	98	45,738	88	24,386
Southside	47	26,483	37	9,812	31	8,351
Piedmont	50	25,088	30	2,960	30	9,803
Richmond Regional	325	337,273	367	159,433	278	130,436
RADCO	74	74,237	67	16,637	37	16,317
Northern Neck	27	7,110	18	2,709	15	4,154

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TABLE 23.9C
Retail Sales Summary Statistics for Virginia's
Counties and Cities: 1982, *CONTINUED*

	KIND OF BUSINESS					
	Gasoline Service Stations		Apparel & Accessory Stores		Furniture Stores	
	Number	Sales	Number	Sales	Number	Sales
Middle Peninsula	29	17,149	25	3,890	23	7,608
Crater	93	75,711	78	24,441	60	19,480
Southeastern Virginia	317	330,029	501	199,248	337	184,481
Peninsula	134	132,714	217	93,403	155	53,022
Accomack-Norhampton	31	10,576	17	3,901	14	3,180

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Retail Trade. *Geographic Area Series, Virginia*. U.S. Government Printing Office, Washington, D.C., 1984.

NOTES: "Sales" in thousands of dollars.
 "Furniture Stores" include home furnishings and equipment stores.
 C—Withheld to avoid disclosing data for individual companies; data are included in broader kind of business totals.
 A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
 A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 23.9D
Retail Sales Summary Statistics for
Virginia's Counties and Cities: 1982, Continued

	Kind of Business					
	Eating & Drinking Places		Drug & Proprietary Stores		Miscellaneous Retail Stores	
	Number	Sales	Number	Sales	Number	Sales
Virginia	6,024	\$2,110,558	1,076	\$875,350	5,097	\$2,265,755
Counties						
Accomack	36	8,488	6	3,793	34	16,692
Albemarle	31	12,296	5	(C)	34	13,791
Alleghany	2	(C)	...	...	1	(C)
Amelia	4	332	2	(C)	6	988
Amherst	25	6,403	5	(C)	11	(C)
Appomattox	11	2,311	2	(C)	4	(C)
Arlington	211	(C)	31	45,257	139	54,784
Augusta	34	8,605	4	1,352	23	12,513
Bath	6	184	1	(C)	8	1,501
Bedford	10	1,119	4	847	6	431
Bland	3	172	1	(C)	...	...
Botetourt	16	2,345	5	(C)	6	(C)
Brunswick	5	642	2	(C)	7	1,717
Buchanan	18	5,740	9	5,589	14	17,101
Buckingham	9	804	1	(C)	3	1,120
Campbell	26	6,157	7	6,015	17	3,114
Caroline	10	3,236	4	896	6	2,134

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TABLE 23.9D
Retail Sales Summary Statistics for Virginia's
Counties and Cities: 1982, *CONTINUED*

	Kind of Business					
	Eating & Drinking Places		Drug & Proprietary Stores		Miscellaneous Retail Stores	
	Number	Sales	Number	Sales	Number	Sales
Carroll	18	2,405	4	2,286	5	(C)
Charles City	1	(C)	...	...	1	(C)
Charlotte	7	577	3	750	4	470
Chesterfield	114	43,724	26	28,407	124	55,602
Clarke	14	2,062	2	(C)	11	3,341
Craig	3	337	1	(C)	2	(C)
Culpeper	15	4,439	4	4,145	23	5,633
Cumberland	3	275	1	(C)	4	1,292
Dickenson	15	2,297	4	1,562	8	(C)
Dinwiddie	6	(C)	2	(C)	3	(C)
Essex	11	5,755	3	(C)	8	5,628
Fairfax	555	284,717	79	122,081	539	255,509
Fauquier	34	12,163	7	5,680	36	18,415
Floyd	5	560	2	(C)	8	1,918
Fluvanna	1	(C)	1	(C)	3	(C)
Franklin	19	4,536	8	4,043	19	5,923
Frederick	19	3,138	1	(C)	9	1,272
Giles	12	1,751	6	3,136	7	3,113
Gloucester	20	4,106	4	3,661	20	8,478
Goochland	7	(C)	1	(C)	12	3,703
Grayson	9	712	3	753	1	(C)
Greene	5	(C)	1	(C)	1	(C)
Greensville	...	...	1	(C)	...	...
Halifax	11	619	2	(C)	7	(C)
Hanover	48	16,327	12	(C)	32	20,038
Henrico	220	87,094	38	43,868	161	70,674
Henry	31	8,782	7	5,572	26	8,068
Highland	2	(C)	...	...	4	(C)
Isle of Wight	22	3,931	3	2,463	13	3,832
James City	11	6,334	1	(C)	17	5,453
King and Queen	3	135	...	...	...	...
King George	5	1,131	2	(C)	7	1,469
King William	6	676	4	1,390	6	1,816
Lancaster	14	1,689	4	1,521	14	2,948
Lee	18	2,113	4	1,901	10	2,460
Loudoun	49	16,524	11	(C)	64	(C)
Louisa	11	1,345	3	1,255	4	(C)
Lunenburg	7	679	2	(C)	13	3,189
Madison	7	776	1	(C)	6	708
Mathews	6	545	2	(C)	5	910
Mecklenburg	25	5,948	10	4,648	32	10,262
Middlesex	9	1,245	3	(C)	9	(C)
Montgomery	72	24,199	13	6,923	63	23,559
Nelson	7	1,063	2	(C)	10	5,510
New Kent	7	1,229	1	(C)	2	(C)
Northampton	15	2,521	4	2,773	17	4,239
Northumberland	7	935	2	(C)	3	(C)
Nottoway	19	3,218	6	2,602	13	(C)
Orange	9	2,725	5	3,621	17	(C)
Page	25	9,057	5	3,553	23	7,350
Patrick	7	847	5	1,412	9	1,516
Pittsylvania	39	7,223	3	3,570	22	5,909
Powhatan	2	(C)	1	(C)	2	(C)

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TABLE 23.9D
Retail Sales Summary Statistics for Virginia's
Counties and Cities: 1982, *CONTINUED*

	Kind of Business					
	Eating & Drinking Places		Drug & Proprietary Stores		Miscellaneous Retail Stores	
	Number	Sales	Number	Sales	Number	Sales
Prince Edward	25	7,054	5	(C)	17	(C)
Prince George	4	(C)	...	...	10	(C)
Prince William	126	55,790	16	22,477	106	36,956
Pulaski	28	4,888	9	4,409	17	7,383
Rappahannock	4	694	...	...	5	1,694
Richmond	5	(C)	1	(C)	4	1,486
Roanoke	53	20,330	12	9,323	43	8,141
Rockbridge	14	3,074	2	(C)	4	772
Rockingham	43	6,887	7	2,524	35	7,231
Russell	15	3,665	5	2,418	12	1,737
Scott	16	2,414	6	2,217	15	(C)
Shenandoah	27	6,420	7	2,371	24	7,830
Smyth	29	6,450	10	4,402	24	12,482
Southampton	12	1,594	2	(C)	9	(C)
Spotsylvania	29	10,636	3	1,944	30	(C)
Stafford	22	10,533	1	(C)	13	3,561
Surry	3	(C)	1	(C)	2	(C)
Sussex	9	3,600	4	1,421	11	8,005
Tazewell	41	10,849	21	10,462	39	14,911
Warren	31	6,081	3	(C)	19	5,333
Washington	27	9,607	8	2,226	22	8,296
Westmoreland	16	3,036	3	1,276	9	995
Wise	30	7,844	9	5,081	38	14,296
Wythe	30	8,718	8	4,225	19	7,284
York	29	15,319	4	(C)	42	(C)
Cities						
Alexandria	173	89,077	21	23,750	172	62,720
Bedford	20	3,140	5	1,985	19	4,893
Bristol	45	13,462	5	3,968	47	(C)
Buena Vista	10	1,889	4	1,388	8	2,679
Charlottesville	101	34,833	13	15,195	117	64,394
Chesapeake	91	28,342	14	11,268	83	21,242
Clifton Forge	9	886	3	1,911	3	(C)
Colonial Heights	25	7,036	3	(C)	15	7,143
Covington	22	5,855	5	3,314	16	5,356
Danville	79	25,425	18	14,024	53	16,194
Emporia	20	5,404	6	2,072	14	5,533
Fairfax	69	37,950	11	16,383	52	33,397
Falls Church	23	12,238	6	6,179	18	7,120
Franklin	9	3,489	6	4,082	15	4,818
Fredericksburg	64	23,839	10	12,161	59	31,279
Galax	20	5,763	4	2,435	15	4,634
Hampton	144	53,791	18	12,445	129	179,943
Harrisonburg	57	19,946	7	7,140	53	18,363
Hopewell	25	8,291	7	6,680	16	6,315
Lexington	27	7,697	4	2,303	20	3,969
Lynchburg	106	40,730	23	14,411	113	57,994
Manassas	27	12,614	4	(C)	31	18,599
Manassas Park	4	(C)	1	(C)	2	(C)
Martinsville	27	10,112	7	6,010	34	22,574
Newport News	199	58,141	23	16,049	133	53,915
Norfolk	412	136,788	42	30,549	270	136,058
Norton	11	4,171	5	3,621	12	5,289

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TABLE 23.9D
Retail Sales Summary Statistics for Virginia's
Counties and Cities: 1982, *CONTINUED*

	Kind of Business					
	Eating & Drinking Places		Drug & Proprietary Stores		*Miscellaneous Retail Stores	
	Number	Sales	Number	Sales	Number	Sales
Petersburg	72	18,003	17	10,402	50	18,116
Poquoson	6	950	1	(C)	4	1,178
Portsmouth	112	30,951	18	14,438	100	32,496
Radford	17	3,729	5	3,147	20	6,917
Richmond	423	129,524	54	44,198	309	216,120
Roanoke	159	65,705	35	22,667	159	63,096
Salem	46	11,059	12	8,851	27	20,655
South Boston	21	5,376	11	3,963	21	5,738
Staunton	38	10,739	9	7,016	49	10,934
Suffolk	35	9,049	12	(C)	42	52,255
Virginia Beach	390	140,179	43	34,345	327	98,213
Waynesboro	27	8,798	7	4,999	20	7,652
Williamsburg	53	34,495	8	5,296	48	(C)
Winchester	74	20,417	13	13,285	55	15,472
MSAs						
Bristol (Va. portion)	88	25,483	19	8,411	84	8,296
Charlottesville	138	47,129	20	15,195	155	78,185
Danville	118	32,648	21	17,594	75	22,103
Lynchburg	157	53,290	35	20,426	141	61,108
Norfolk	1,502	518,445	188	128,051	1,215	589,231
Northern Virginia	1,259	519,443	181	236,127	1,136	472,646
Richmond	954	311,228	162	133,555	737	397,711
Roanoke	274	99,439	64	40,841	235	91,892
Planning Districts						
LENOWISCO	75	16,542	24	12,820	75	22,045
Cumberland Plateau	89	22,551	39	20,031	73	33,749
Mount Rogers	181	47,289	43	20,295	133	32,696
New River Valley	134	35,127	35	17,615	115	42,890
Fifth	310	106,517	73	46,066	257	97,248
Central Shenandoah	258	67,819	45	26,722	224	65,614
Lord Fairfax	190	47,175	31	19,209	141	40,598
Northern Virginia	1,237	508,910	180	236,127	1,123	469,085
Rappahannock-Rapidan	69	20,797	17	13,446	87	26,450
Thomas Jefferson	156	49,537	25	16,450	169	83,695
Central Virginia	198	59,860	46	23,258	170	66,432
West Piedmont	202	56,925	48	34,631	163	60,184
Southside	62	12,585	25	8,611	67	17,717
Piedmont	74	12,939	20	3,352	60	7,059
Richmond Regional	822	277,898	133	116,473	643	366,137
RADCO	130	49,375	20	15,001	115	38,443
Northern Neck	42	5,660	10	2,797	30	5,429

CONTINUED ➔

TABLE 23.9D
Retail Sales Summary Statistics for Virginia's
Counties and Cities: 1982, *CONTINUED*

	Kind of Business					
	Eating & Drinking Places		Drug & Proprietary Stores		Miscellaneous Retail Stores	
	Number	Sales	Number	Sales	Number	Sales
Middle Peninsula	55	12,462	16	5,051	48	16,832
Crater	164	42,334	41	20,575	121	45,112
Southeastern Virginia	1,083	354,323	140	97,145	859	348,914
Peninsula	442	169,030	55	33,790	373	240,489
Accomack-Norhampton	51	11,009	10	6,566	51	20,931

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Retail Trade. *Geographic Area Series*, Virginia. U.S. Government Printing Office, Washington, D.C., 1984.

NOTES: "Sales" in thousands of dollars.
 "Miscellaneous Retail Stores" exclude nonemployer direct sellers, SIC 5963.
 C—Withheld to avoid disclosing data for individual companies; data are included in broader kind of business totals.
 A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.
 A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.

TABLE 23.10
Wholesale Trade Establishments, Sales, Payroll, and
Employees for the U.S., Virginia, and Surrounding States: 1982

	Establishments	Sales	Annual Payroll	Paid Employees	Percent Change 1977–1982	
					Sales	Annual Payroll
United States	415,829	\$1,997.9	\$95,209	4,985	58.8%	63.3%
Virginia	5,960	28.7	1,602	91	50.4	67.8
Delaware	819	7.3	314	14	41.7	63.3
District of Columbia	495	2.6	193	9	21.6	14.3
Florida	19,537	65.6	3,562	212	90.8	95.5
Georgia	11,322	56.1	2,559	140	59.3	75.0
Kentucky	5,278	19.2	966	60	42.4	49.4
Maryland	5,507	25.8	1,485	77	52.7	64.6
North Carolina	10,234	39.6	1,939	116	43.8	54.7
South Carolina	4,539	12.7	711	46	53.5	54.0
Tennessee	7,853	37.8	1,761	102	29.2	57.2
West Virginia	2,380	6.1	430	26	35.8	43.5

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Statistical Abstract of the United States*, 1986. U.S. Government Printing Office, Washington, D.C., annual.

NOTES: "Sales" in billions of dollars.
 "Annual Payroll" in millions of dollars.
 "Paid Employees" in thousands.



TABLE 23.11
Wholesale Trade Sales by Kind of Business for
the U.S., Virginia, and Surrounding States: 1982

	Total Sales	Motor Vehicles	Metals & Minerals	Elec- trical Goods	Machinery, Equipment, & Supplies	Gro- ceries	Farm Product Raw Materials	Petroleum & Petroleum Products
United States	\$1,997,895	\$187,607	\$102,690	\$120,062	\$263,309	\$288,659	\$153,419	\$296,995
Virginia	28,705	3,241	1,276	1,995	3,850	4,890	1,924	5,310
Delaware	7,307	147	89	91	536	595	132	887
District of Columbia	2,620	113	78	434	492	359	(C)	(C)
Florida	65,615	8,562	1,553	4,835	8,325	13,494	1,212	9,277
Georgia	56,100	7,030	2,487	3,663	7,863	6,611	1,746	5,321
Kentucky	19,208	1,584	1,801	582	2,425	2,503	2,359	3,544
Maryland	25,807	3,929	1,243	2,474	3,809	4,052	569	2,967
North Carolina	39,568	3,540	1,187	2,121	4,871	5,744	2,446	6,130
South Carolina	12,684	744	194	553	1,856	1,832	623	2,691
Tennessee	37,833	4,948	1,587	1,941	4,775	5,338	3,998	4,507
West Virginia	6,101	660	535	377	1,400	877	63	1,043

SOURCE: U.S. Department of Commerce, Bureau of the Census. *State and Metropolitan Area Data Book 1986*. U.S. Government Printing Office, Washington, D.C., 1986.

NOTES: In millions of dollars.

"Motor Vehicles" include automotive parts and supplies.

"Metals and Minerals" exclude petroleum.

C—Figure withheld to avoid disclosure of information pertaining to a specific organization or individual.

TABLE 23.12
Wholesale Trade Statistics for the U.S.,
Virginia, and Surrounding States: 1977

	Establishments	Sales	Paid Employees	Annual Payroll
United States	382,837	\$1,258,400	4,397.1	\$58,290
Virginia	6,254	19,088	79.3	955
Delaware	770	5,156	12.4	192
District of Columbia	594	2,155	10.9	169
Florida	15,409	34,380	158.9	1,822
Georgia	10,085	35,213	118.2	1,462
Kentucky	5,133	13,485	56.1	647
Maryland	5,109	16,901	67.1	902
North Carolina	9,571	27,513	107.8	1,254
South Carolina	4,112	8,266	41.9	462
Tennessee	7,406	29,277	92.5	1,127
West Virginia	2,372	4,493	25.3	300

SOURCE: U.S. Department of Commerce, Bureau of the Census. *State and Metropolitan Area Data Book 1986*. U.S. Government Printing Office, Washington, D.C., 1986.

NOTES: "Sales" and "Annual Payroll" in millions of dollars.

"Paid Employees" in thousands.

TABLE 23.13

Wholesale Trade Establishments and Sales by Industry, Virginia: 1982

SIC Code	Kind of Business	Establishments	Sales
---	All wholesale trade	6,960	\$28,705,132
50	Durable goods	4,459	12,861,376
501	Motor vehicles and automotive parts and supplies	897	3,241,265
5012	Automobiles and other motor vehicles	132	2,345,217
5013	Automotive parts and supplies	680	707,207
5014	Tires and tubes	85	188,841
502	Furniture and home furnishings	172	240,949
5021	Furniture	86	108,356
5023	Home furnishings	86	132,593
503	Lumber and other construction materials	326	899,177
5031	Lumber, plywood, and millwork	141	526,584
5039	Construction materials, n.e.c.	185	372,593
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	114	313,121
5041	Sporting and recreational goods and supplies	61	86,038
5042	Toys and hobby goods and supplies	25	27,276
5043	Photographic equipment and supplies	28	199,807
505	Metals and minerals, except petroleum	123	1,276,112
5051	Metals service centers and offices	76	264,763
5052	Coal and other minerals, except petroleum	47	1,011,349
506	Electrical goods	495	1,994,848
5063	Electrical apparatus and equipment	271	921,338
5064	Electrical appliances, television and radio sets	59	213,967
5065	Electrical parts and equipment	165	859,543
507	Hardware, and plumbing and heating equipment and supplies	369	770,629
5072	Hardware	85	200,118
5074	Plumbing and heating equipment and supplies (hydronics)	175	338,797
5075	Warm air heating and air conditioning equipment and supplies	88	207,355
5078	Refrigeration equipment and supplies	21	24,359
508	Machinery, equipment, and supplies	1,675	3,849,857
5081	Commercial machines and equipment	443	1,382,960
5082	Construction and mining machinery and equipment	138	416,699
5083	Farm and garden machinery and equipment	237	264,634
5084	Industrial machinery and equipment	273	632,643
5085	Industrial supplies	212	374,226
5086	Professional equipment and supplies	170	367,256
5087	Service establishment equipment and supplies	147	111,510
5088	Transportation equipment and supplies, except motor vehicle	55	299,929
509	Miscellaneous durable goods	288	275,418
5093	Scrap and waste materials	108	121,235
5094	Jewelry, watches, diamonds, and other precious stones	29	23,618
5099	Durable goods, n.e.c.	151	130,565
51	Nondurable goods	2,501	15,843,756
511	Paper and paper products	244	938,463
5111	Printing and writing paper	32	465,062
5112	Stationery supplies	163	259,256
5113	Industrial and personal service paper	49	214,145
512	Drugs, drug proprietaries and druggists' sundries	42	328,413
513	Apparel, piece goods, and notions	83	191,089
5133	Piece goods (woven fabrics)	9	3,384
5134	Notions and other dry goods	6	2,303
5136	Men's and boys' clothing and furnishings	31	103,953

CONTINUED ➡



TABLE 23.13
Wholesale Trade Establishments and Sales
by Industry, Virginia: 1982, *CONTINUED*

SIC Code	Kind of Business	Establishments	Sales
5137	Women's, children's, and infants' clothing and accessories	24	41,269
5139	Footwear	13	40,180
514	Groceries and related products	681	4,889,855
5141	Groceries, general line	98	1,983,291
5142	Frozen foods	33	307,579
5143	Dairy products	47	377,115
5144	Poultry and poultry products	31	165,895
5145	Confectionery	61	175,641
5146	Fish and seafoods	93	122,047
5147	Meats and meat products	52	486,806
5148	Fresh fruits and vegetables	71	126,786
5149	Groceries and related products, n.e.c.	195	1,144,695
515	Farm-product raw materials	166	1,923,933
5153	Grain	44	740,928
5154	Livestock	55	276,692
5159	Farm-product raw materials, n.e.c.	67	906,313
516	Chemicals and allied products	134	452,525
517	Petroleum and petroleum products	371	5,310,399
5171	Petroleum bulk stations and terminals	278	4,857,727
5172	Petroleum and petroleum products, except bulk stations and terminals	93	452,672
518	Beer, wine, and distilled alcoholic beverages	111	581,873
5181	Beer and ale	85	436,008
5182	Wines and distilled alcoholic beverages	26	145,865
519	Miscellaneous nondurable goods	669	1,227,206
5191	Farm supplies	322	652,501
5194	Tobacco and tobacco products	30	233,637
5198	Paints, varnishes, and supplies	96	71,183
5199	Nondurable goods, n.e.c.	221	269,885

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Wholesale Trade. *Geographic Area Series, United States*. U.S. Government Printing Office, Washington, D.C., 1984.

NOTES: "Sales" in thousands of dollars.
 n.e.c.—Not elsewhere classified.

TABLE 23.14
Wholesale Trade Statistics for Virginia's Counties and Cities: 1982

	Number of Establishments	Sales	Annual Payroll	Paid Employees
Virginia	6,960	\$28,705,132	\$1,602,328	90,841
Counties				
Accomack	60	71,608	6,123	659
Albemarle	33	(C)	(C)	(C)
Alleghany	1	(C)	(C)	(C)
Amelia	11	37,702	1,565	114
Amherst	15	43,727	3,133	211
Appomattox	8	7,687	740	64
Arlington	170	1,157,051	102,539	3,832
Augusta	47	124,217	7,108	555

CONTINUED ➡

TABLE 23.14
Wholesale Trade Statistics for Virginia's
Counties and Cities: 1982, *CONTINUED*

	Number of Establishments	Sales	Annual Payroll	Paid Employees
Bath	2	(C)	(C)	(C)
Bedford	22	355,338	4,213	253
Bland	1	(C)	(C)	(C)
Botetourt	15	57,184	2,531	143
Brunswick	18	26,930	1,238	128
Buchanan	49	116,454	8,952	498
Buckingham	10	11,032	638	66
Campbell	35	59,440	3,504	256
Caroline	6	15,440	520	38
Carroll	17	21,771	1,196	107
Charles City	...	...	...	...
Charlotte	12	19,840	1,105	69
Chesterfield	193	397,804	29,691	1,493
Clarke	32	105,164	7,719	400
Craig	3	899	56	12
Culpeper	27	59,058	3,825	281
Cumberland	12	9,171	532	47
Dickenson	6	(C)	(C)	(C)
Dinwiddie	8	8,736	326	26
Essex	15	17,319	1,129	101
Fairfax	607	4,381,552	237,100	9,732
Fauquier	44	88,119	5,495	425
Floyd	4	2,149	147	13
Fluvanna	6	(C)	(C)	(C)
Franklin	33	45,790	2,260	192
Frederick	13	8,620	703	52
Giles	17	38,895	1,070	98
Gloucester	27	29,440	2,161	182
Goochland	20	32,237	2,599	178
Grayson	6	1,477	178	23
Greene	4	(C)	(C)	(C)
Greensville	3	(C)	(C)	(C)
Halifax	11	13,219	486	59
Hanover	118	1,088,553	54,227	2,424
Henrico	358	1,880,057	92,448	4,613
Henry	43	63,923	5,875	272
Highland	2	(C)	(C)	(C)
Isle of Wight	34	(C)	(C)	(C)
James City	16	15,931	1,050	66
King and Queen	2	(C)	(C)	(C)
King George	3	(C)	(C)	(C)
King William	12	34,585	1,325	101
Lancaster	34	54,565	2,733	352
Lee	25	19,760	1,455	147
Loudoun	66	89,300	7,673	476
Louisa	15	15,234	1,191	99
Lunenburg	10	13,070	1,114	78
Madison	7	(C)	(C)	(C)
Mathews	10	4,569	472	40
Mecklenburg	51	82,641	3,868	323
Middlesex	16	26,152	1,374	114
Montgomery	36	49,211	2,831	310
Nelson	9	18,191	336	41
New Kent	9	6,356	502	41
Northampton	22	30,627	1,924	159
Northumberland	19	11,033	1,324	159
Nottoway	12	29,633	2,161	181

CONTINUED ➡



TABLE 23.14
Wholesale Trade Statistics for Virginia's
Counties and Cities: 1982, *CONTINUED*

	Number of Establishments	Sales	Annual Payroll	Paid Employees
Orange	16	22,918	1,553	129
Page	16	14,565	1,038	100
Patrick	10	21,978	1,441	143
Pittsylvania	47	133,123	4,662	397
Powhatan	8	2,987	244	30
Prince Edward	27	32,516	2,344	236
Prince George	8	10,373	1,387	102
Prince William	72	192,281	10,326	612
Pulaski	32	45,191	3,237	227
Rappahannock	6	(C)	(C)	(C)
Richmond	19	30,821	2,093	159
Roanoke	93	545,966	26,620	1,966
Rockbridge	21	72,028	3,464	296
Rockingham	58	108,490	6,955	583
Russell	24	37,698	3,066	195
Scott	18	58,722	4,516	262
Shenandoah	30	62,798	3,314	312
Smyth	24	25,047	2,240	153
Southampton	36	47,996	2,533	263
Spotsylvania	26	90,502	3,059	202
Stafford	24	56,059	3,527	200
Surry	6	7,444	395	42
Sussex	19	60,840	3,219	322
Tazewell	93	205,601	13,956	1,072
Warren	22	17,807	1,872	146
Washington	37	91,544	5,784	475
Westmoreland	26	21,028	1,355	136
Wise	49	185,057	7,682	550
Wythe	28	76,658	2,813	305
York	20	41,337	2,000	117
Cities				
Alexandria	167	642,230	62,063	3,593
Bedford	21	47,397	2,510	165
Bristol	61	263,579	13,743	883
Buena Vista	3	(C)	(C)	(C)
Charlottesville	98	171,069	16,350	1,068
Chesapeake	144	1,797,720	34,260	1,948
Clifton Forge	6	1,401	149	19
Colonial Heights	15	64,388	2,436	127
Covington	11	19,259	754	70
Danville	88	237,782	11,738	929
Emporia	17	42,638	1,633	149
Fairfax	59	668,572	9,908	522
Falls Church	29	(C)	(C)	(C)
Franklin	11	27,207	1,926	135
Fredericksburg	50	261,897	11,037	788
Galax	14	19,449	1,936	139
Hampton	89	195,976	19,940	1,481
Harrisonburg	79	208,934	15,421	1,147
Hopewell	17	30,259	3,141	212
Lexington	18	30,275	2,136	159
Lynchburg	128	281,938	25,084	1,585
Manassas	30	88,565	5,556	363
Manassas Park	1	(C)	(C)	(C)
Martinsville	30	46,653	3,506	216
Newport News	123	291,710	21,970	1,398
Norfolk	471	2,072,073	144,658	8,572
Norton	31	96,766	5,118	308

CONTINUED ➡

TABLE 23.14
Wholesale Trade Statistics for Virginia's
Counties and Cities: 1982, *CONTINUED*

	Number of Establishments	Sales	Annual Payroll	Paid Employees
Petersburg	52	116,598	9,325	558
Poquoson	7	5,318	752	80
Portsmouth	64	449,394	15,722	921
Radford	13	22,051	1,309	95
Richmond	625	3,667,218	183,927	9,796
Roanoke	317	958,266	83,062	4,817
Salem	69	312,210	23,758	1,292
South Boston	31	60,647	3,507	283
Staunton	35	60,197	6,573	479
Suffolk	59	380,737	12,762	851
Virginia Beach	276	720,698	47,716	2,704
Waynesboro	19	115,794	5,196	321
Williamsburg	25	33,749	2,504	137
Winchester	90	239,492	14,661	1,067
MSAs				
Bristol (Va. portion)	116	413,845	24,043	1,620
Charlottesville	141	171,069	16,350	1,068
Danville	135	370,905	16,400	1,326
Lynchburg	178	385,105	31,721	2,052
Norfolk	1,321	6,034,083	305,495	18,457
Northern Virginia	1,225	7,275,610	438,632	19,330
Richmond	1,431	7,305,566	380,253	19,600
Roanoke	494	1,873,626	135,971	8,218
Planning Districts				
LENOWISCO	123	360,305	18,771	1,267
Cumberland Plateau	172	359,753	25,974	1,765
Mount Rogers	188	499,525	27,890	2,085
New River Valley	102	157,497	8,594	743
Fifth	515	1,895,185	136,930	8,319
Central Shenandoah	284	719,935	46,853	3,540
Lord Fairfax	203	448,446	29,307	2,077
Northern Virginia	1,201	7,219,551	435,165	19,130
Rappahannock-Rapidan	100	170,095	10,873	835
Thomas Jefferson	165	204,494	17,877	1,208
Central Virginia	229	795,527	39,184	2,534
West Piedmont	251	549,249	29,482	2,149
Southside	111	183,437	9,099	793
Piedmont	94	152,964	9,459	791
Richmond Regional	1,331	7,075,212	363,638	18,575
RADCO	109	423,898	18,143	1,228
Northern Neck	98	117,447	7,505	806
Middle Peninsula	82	112,065	6,461	538
Crater	145	341,276	22,062	1,538
Southeastern Virginia	1,095	5,495,825	259,577	15,394
Peninsula	280	584,021	48,216	3,279
Accomack-Norhampton	82	102,235	8,047	818

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Wholesale Trade. *Geographic Area Series, Virginia*. U.S. Government Printing Office, Washington, D.C. 1984.

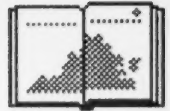
NOTES: "Sales" and "Annual Payroll" in thousands of dollars.

"Paid Employees" for the week of March 12, 1982.

C—Withheld to avoid disclosing data for individual companies; data are included in state total, but not in totals for Metropolitan Statistical Areas or Planning Districts.

A map showing the boundaries of the metropolitan statistical areas is on page 605, and a table showing their composition is on page 654.

A map showing the boundaries of the planning districts is on page 604, and a table showing their composition is on page 653.



Index

Numbers in the index refer to table numbers, not pages. Within this index, several major entries summarize the data available at each geographic level; these entries are **County and City Data**, **Metropolitan Statistical Area Data**, **Planning District Data**, **State Data**, and **Town Data**. Data for the U.S. will be found in nearly all the state data tables.

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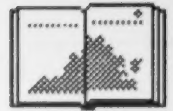
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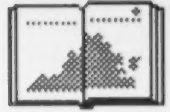
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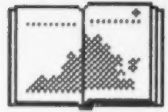
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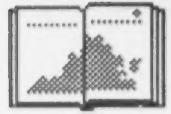
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